



Using DB Visualizer

Data Infrastructure Management

4/21/2017

Agenda

- ▶ Introduction to DB Visualizer
- ▶ Why Use DB Visualizer?
- ▶ Getting Started
 - Installation
 - Configuration
- ▶ DB Visualizer Basics
 - GUI–Main Window Layout
 - Navigation Tab
 - Object View Tabs
 - SQL Commander Tabs
 - Working with Tables
 - Executing SQL Statements
 - Exporting Result Set
- ▶ Question & Answer

Introduction to DB Visualizer

- ▶ What is DB Visualizer?
 - Feature rich
 - Intuitive
 - Universal application
 - Easy-to-use database CASE tool
 - Supports all major RDBMS available (IBM DB2)
 - Integrates transparently with database operating system
 - Tool that allows a bird's eye view into your database

Why Use DB Visualizer?

- ▶ Provides visual representation of all UCDW objects (databases, schemas, tables [facts & dimensions], views and materialized query tables [MQTs])
- ▶ Provides details on objects such as columns, data, row count, primary keys, indexes and references.
- ▶ Provides the ability to learn the structure of UCDW

Getting Started...

<http://www.dbvis.com/download/>

64 Bit
Install

DbVis Software FEATURES DOWNLOAD CUSTOMERS SUPPORT COMPANY Buy Pro Version

Download DbVisualizer 9.5.7

Latest Version Old Versions Release Notes Evaluate

Platform & Installer Type	Without Java VM	With Java VM
Windows 32-bit (setup installer)	Download (40 MB)	Download (75 MB)
Windows 32-bit (zip archive)	Download (70 MB)	
Windows 64-bit (setup installer)	Download (40 MB)	Download (78 MB)
Windows 64-bit (zip archive)	Download (70 MB)	
Mac OS X (setup installer)	Download (40 MB)	Download (77 MB)
Mac OS X (tar.gz archive)	Download (70 MB)	
Linux (setup installer)	Download (39 MB)	
Linux (RPM archive)	Download (69 MB)	
Linux (DEB archive)	Download (69 MB)	
UNIX UNIX (setup installer)	Download (39 MB)	
UNIX UNIX (tar.gz archive)	Download (69 MB)	

Try out DbVisualizer Pro for 21 days

Start the trial by running the latest version and then open the Evaluate Pro Edition under the Help menu.

DbVisualizer 9.5.7

- [Online Users Guide](#)
- [Users Guide in PDF](#)
- [Release Notes 9.5.7](#)
- [Installation Notes](#)

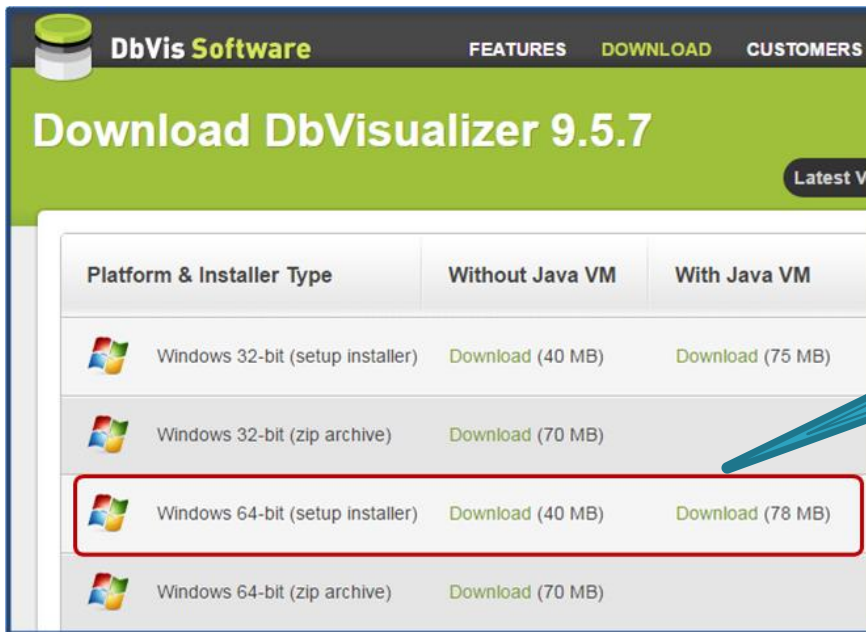
OS Support:
Windows 10
Windows 8
Windows 7 SP1
Linux
Mac OS X 10.7.3+

Java Support:
Java 8 is required

Help
Documents

Downloading DB Visualizer

- ▶ Visit: <http://www.dbvis.com/download/>
- ▶ Download latest version – currently 9.5.7
- ▶ Download the Windows 64bit (setup installer)







DbVis Software

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Latest Version

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 Windows 64-bit (setup installer)	Download (40 MB)	Download (78 MB)
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Call 70457 Option 2
to get admin rights
to your PC!

Installation (1)

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Download DbVisualizer 9.5.7

Platform & Installer Type

	Without Java VM	With Java VM
Windows 32-bit (setup installer)	Download (40 MB)	Download (75 MB)
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Windows 64-bit (setup installer)	Download (40 MB)	Download (78 MB)
Windows 64-bit (zip archive)	Download (70 MB)	

Setup - DbVisualizer 9.5.7

Welcome to the DbVisualizer Setup Wizard

This will install DbVisualizer on your computer. The wizard will lead you step by step through the installation.

Click Next to continue, or Cancel to exit Setup.

Next > Cancel

install4j Wizard

DbVisualizer is preparing the install4j Wizard which will guide you through the rest of the setup process.

Cancel

Setup - DbVisualizer 9.5.7

License Agreement

Please read the following important information before continuing.

Please read the following License Agreement. You must accept the terms of this agreement before continuing with the installation.

End-User License Agreement for DbVisualizer

IMPORTANT - READ CAREFULLY: This End-User License Agreement ("EULA") is a legal agreement between Licensee (either an individual or a single entity) and DbVis Software ("Licensor"), which covers your use of DbVisualizer and related software components ("Software").

If you do not agree to all of the terms of this EULA, then you should not download, install and use the Software. If you have already downloaded or installed the Software, you should uninstall the Software from your computer.

I accept the agreement

I do not accept the agreement

< Back Next > Cancel

Setup - DbVisualizer 9.5.7

Select Destination Directory

Where should DbVisualizer be installed?

Select the folder where you would like DbVisualizer to be installed, then click Next.

Destination directory

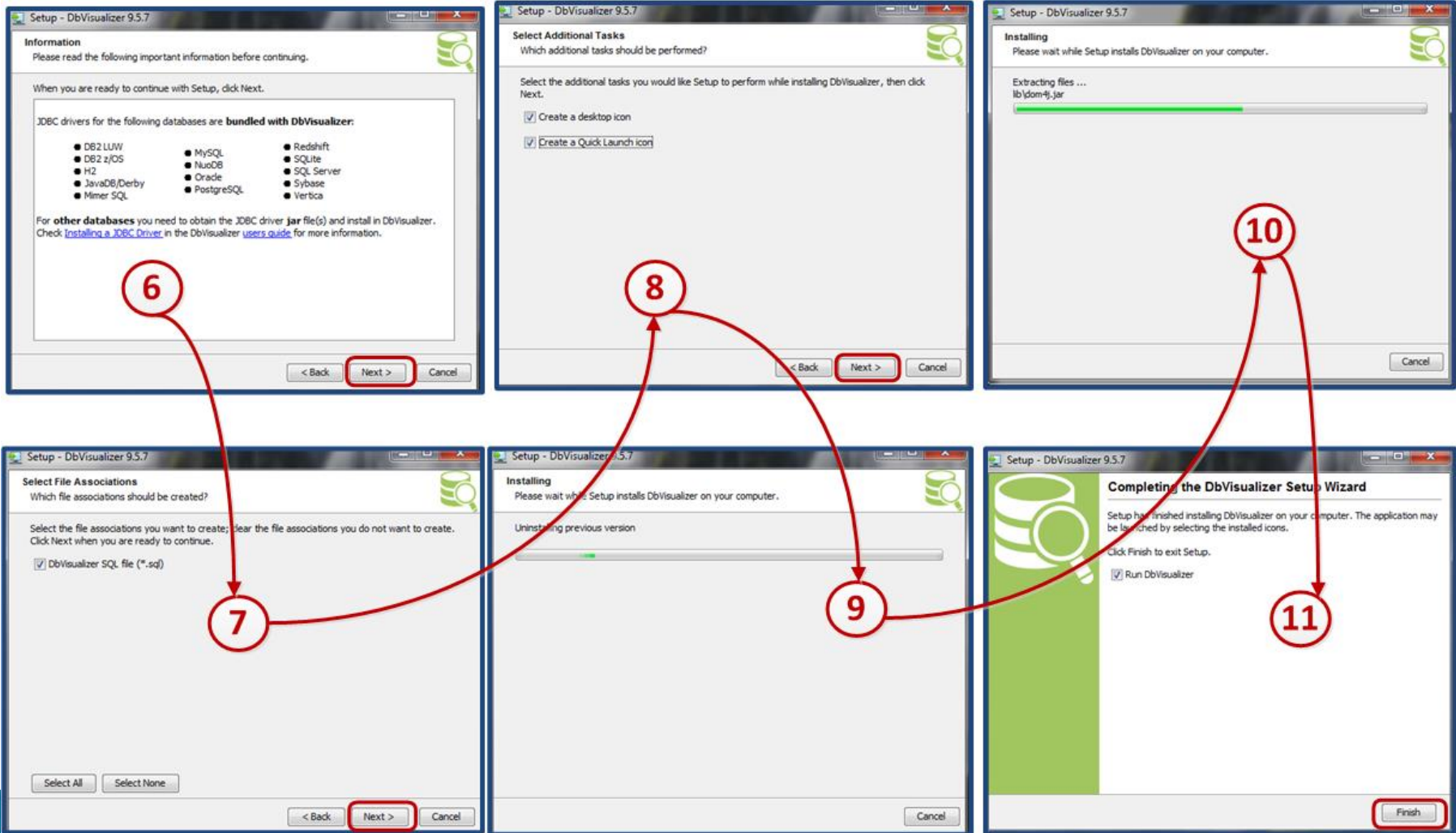
C:\Program Files\DbVisualizer-9.1.13\DbVisualizer Browse ...

Required disk space: 89 MB

Free disk space: 109 GB

< Back Next > Cancel

Installation (2)



Configuration – DWP2

1 Connection Wizard...

2 uc_dss prod

3 DB2

4 DB2

5 uc_dss prod (DB2)

6 Database Connection: uc_dss prod

7 uc_dss prod

- ADM_STG
- AWR_STG
- COG_RPT
- DEBINT1
- DEBPE
- DBA
- DSS_BT
- DSS_CTRM
- ETL_STG
- GAD_BASE
- GAD_BT
- GAD_STG
- GLONG_STG
- HPEJMAN
- IRAP_BT
- ISE_BASE
- ISE_STG
- KAORLMA
- NALLID
- SP_BASE
- SP_BT
- SP_STG
- SQLJ
- STUD_BM
- STUD_BT
- STUD_STG
- SYSCAT
- SYSPLN
- SYSTEM
- SYSTEMADM
- SYSTEMINTERNAL
- SYSTEMTS
- SYSPROC
- SYSPUBLIC
- SYSSAT
- SYSTOOLS
- TOLCZAK
- UAD_BASE
- UAD_BT
- UAD_STG
- UC_HEALTH
- UCLUES_BASE
- UCLUES_BT
- UCLUES_STG
- ULLONG_STG
- VPAKNOV

Other Connections...

Database Connection: uc_dss p3

Connection Properties Database Info Data Types

Settings Format: Server Info Database URL

Connection

Name	uc_dss p3
Database Type	DB2 LUW
Driver (JDBC)	<input checked="" type="checkbox"/> DB2
Database Server	dwp3
Database Port	50001
Database	uc_dss

UCDW QA

Authentication

Database Userid	opopoola
Database Password	*****

Options

Auto Commit	<input checked="" type="checkbox"/>
Save Database Password	Save Between Sessions
Connection Mode	Development
Show Detailed Error Messages	<input checked="" type="checkbox"/>

Database Connection: aeo_db prod

Connection Properties Database Info Data Types

Settings Format: Server Info Database URL

Connection

Name	aeo_db prod
Database Type	DB2 LUW
Driver (JDBC)	<input checked="" type="checkbox"/> DB2
Database Server	dwp2
Database Port	50001
Database	aeo_db

AEO Production

Authentication

Database Userid	opopoola
Database Password	*****

Options

Auto Commit	<input checked="" type="checkbox"/>
Save Database Password	Save Between Sessions
Connection Mode	Development
Show Detailed Error Messages	<input type="checkbox"/>

Database Connection: aeo_db qa

Connection Properties Database Info Data Types

Settings Format: Server Info Database URL

Connection

Name	aeo_db qa
Database Type	DB2 LUW
Driver (JDBC)	<input checked="" type="checkbox"/> DB2
Database Server	dwq2
Database Port	50001
Database	aeo_db

AEO QA

Authentication

Database Userid	opopoola
Database Password	*****

Options

Auto Commit	<input checked="" type="checkbox"/>
Save Database Password	Save Between Sessions
Connection Mode	Development
Show Detailed Error Messages	<input checked="" type="checkbox"/>

Database Connection: data warehouse

Connection Properties Database Info Data Types

Settings Format: Server Info Database URL

Connection

Name	data warehouse
Database Type	Generic
Driver (JDBC)	<input checked="" type="checkbox"/> JDBC/JDBC Bridge
Data Source	data warehouse

CDW production

Authentication

Database Userid	opopoola
Database Password	*****

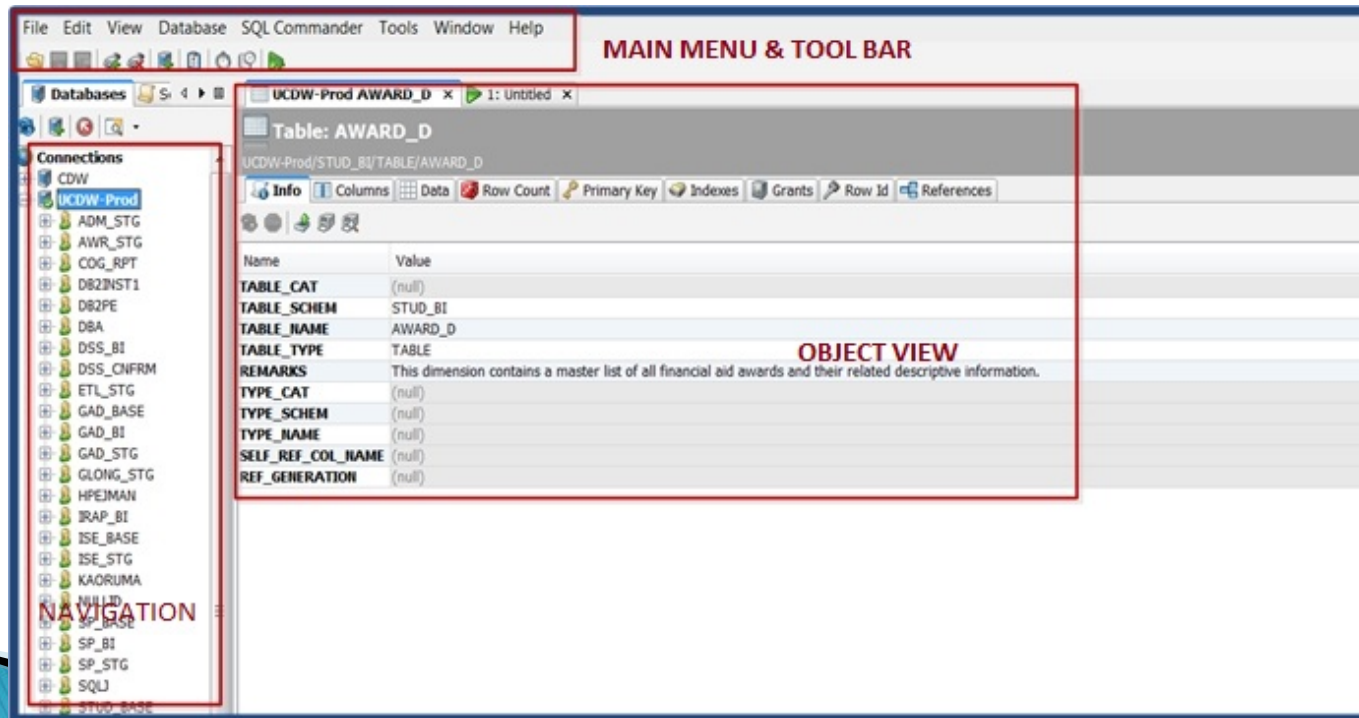
Options

Auto Commit	<input checked="" type="checkbox"/>
Save Database Password	Save Between Sessions
Connection Mode	Development

The Basics

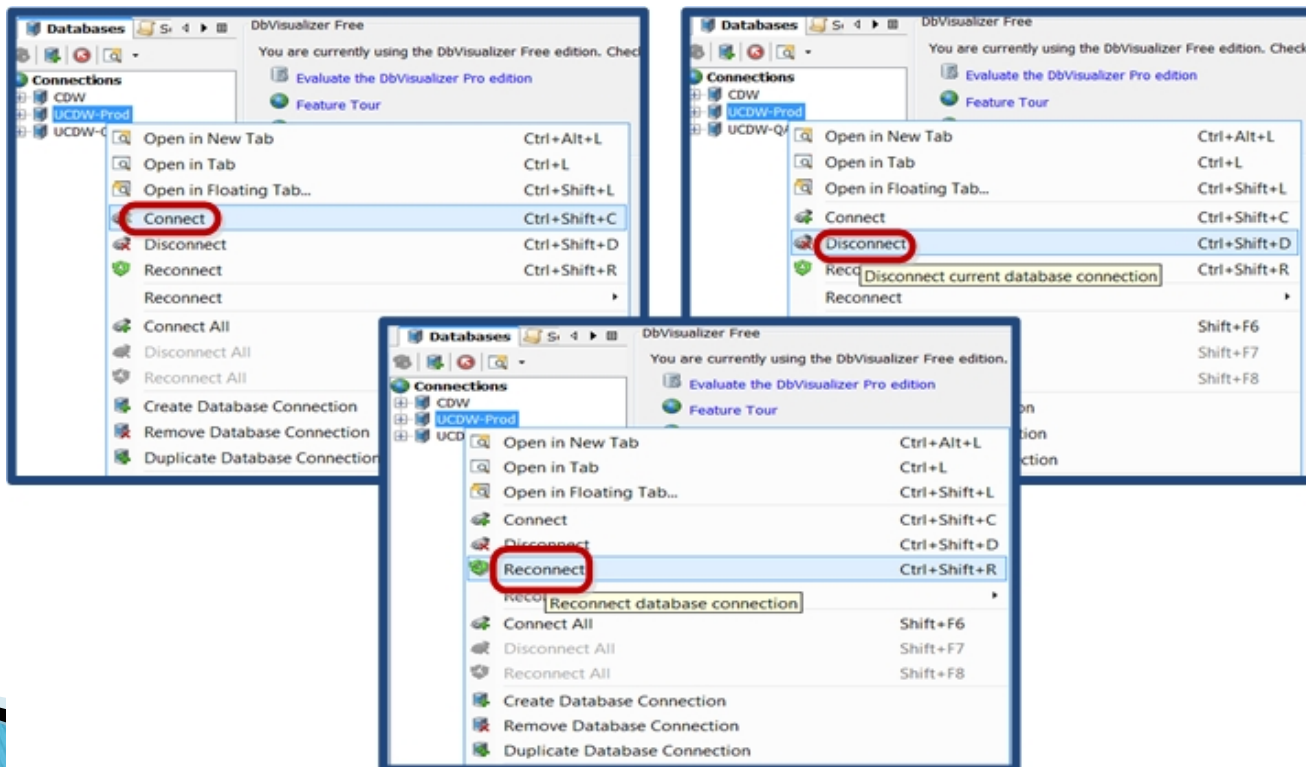
GUI – Main Window Layout

- ▶ Contains Navigation area to the left, Object view and SQL commander to the right, main menus and tool bar to the top



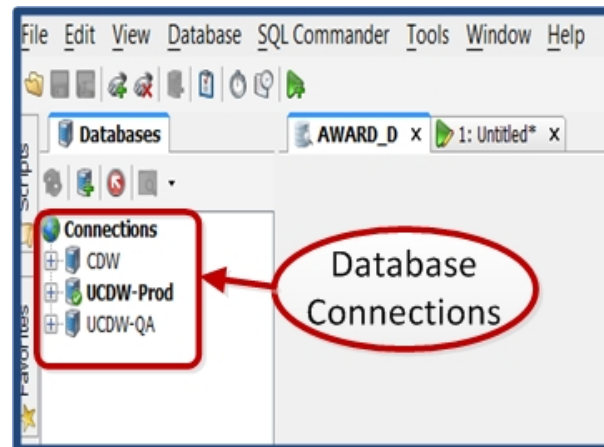
Navigation Area

- ▶ Database Tab contains database connections
- ▶ Right click to connect, disconnect or reconnect to database

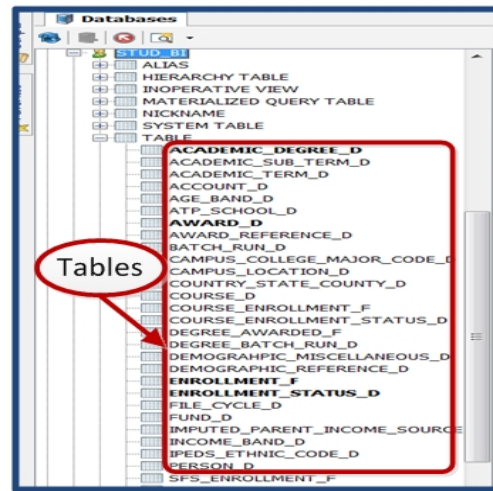
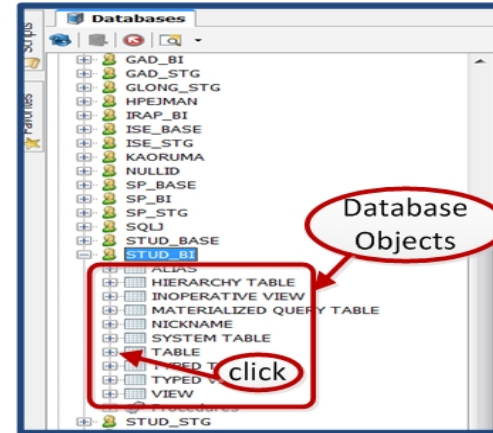
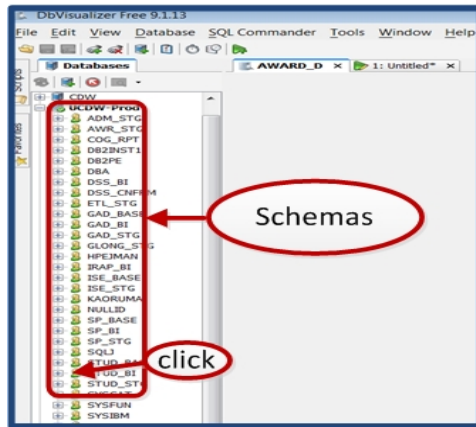


Navigation Area...

- ▶ Database Tab Tree contains database connections at the top
- ▶ When connected, lists database objects they contain like, Schema, Tables, Views, MQTs..
- ▶ Click ‘+’ to navigate Database Tab Tree

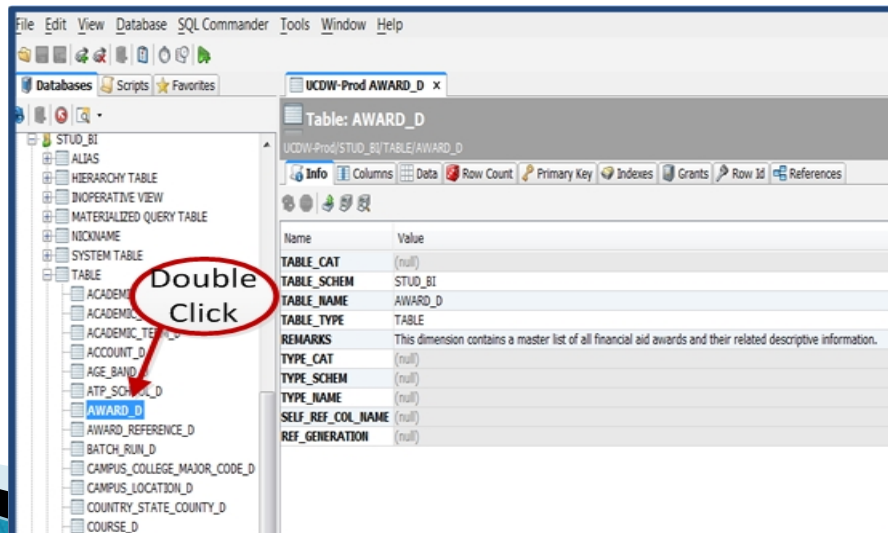


Navigation Area...



Object View Tabs

- ▶ Double click on a database object to see in Object View Tab
- ▶ Shows information about database object
- ▶ Different types of information like columns, data, primary key, row count and references are shown as sub tabs



Object View Tabs...

- ▶ Info – Brief information about database object
- ▶ Columns – Information about all columns in database object like data types and sizes

UCDW-Prod AWARD_D x

Table: AWARD_D

UCDW-Prod/STUD_BI/TABLE/AWARD_D

Info Columns Data Row Count Primary Key Indexes Grants Row Id References

Name	Value
TABLE_CAT	(null)
TABLE_SCHEM	STUD_BI
TABLE_NAME	AWARD_D
TABLE_TYPE	TABLE
REMARKS	This dimension contains a master list of all financial aid awards and their related descriptive information.
TYPE_CAT	(null)
TYPE_SCHEM	(null)
TYPE_NAME	(null)
SELF_REF_COL_NAME	(null)
REF_GENERATION	(null)

UCDW-Prod AWARD_D x

Table: AWARD_D

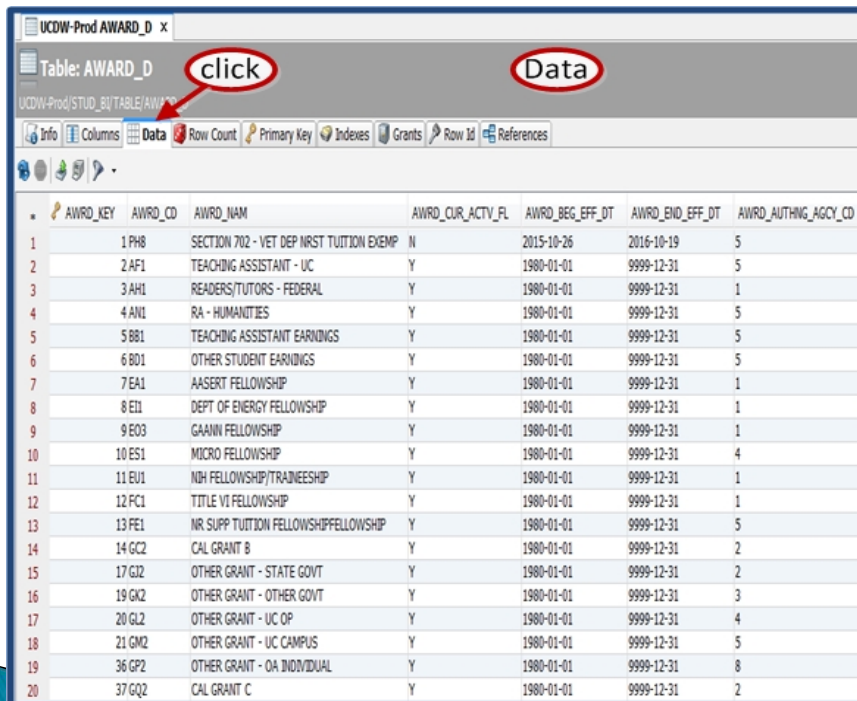
UCDW-Prod/STUD_BI/TABLE/AWARD_D

Info Columns Data Row Count Primary Key Indexes Grants Row Id References

TABLE_CAT	TABLE_SCHEM	COLUMN_NAME	DATA_TYPE	TYPE_NAME	COLUMN_SIZE
(null)	STUD_BI	AWARD_KEY	4	INTEGER	10
(null)	STUD_BI	AWARD_CD	1	CHAR	3
(null)	STUD_BI	AWARD_NAM	12	VARCHAR	40
(null)	STUD_BI	AWARD_CUR_ACTV_FL	1	CHAR	1
(null)	STUD_BI	AWARD_BEG_EFF_DT	91	DATE	10
(null)	STUD_BI	AWARD_END_EFF_DT	91	DATE	10
(null)	STUD_BI	AWARD_AUTHING_AGCY_CD	1	CHAR	1
(null)	STUD_BI	AWARD_AUTHING_AGCY_DESC	12	VARCHAR	50
(null)	STUD_BI	AWARD_TY_CD	1	CHAR	1
(null)	STUD_BI	AWARD_TY_DESC	12	VARCHAR	50
(null)	STUD_BI	AWARD_BASIS_MERIT_FL	1	CHAR	1
(null)	STUD_BI	AWARD_BASIS_NO_FL	1	CHAR	1
(null)	STUD_BI	AWARD_BASIS_DVRSTY_FL	1	CHAR	1
(null)	STUD_BI	AWARD_MAX_AMT	4	INTEGER	10
(null)	STUD_BI	AWARD_DEACTN_YR	5	SMALLINT	5
(null)	STUD_BI	AWARD_CRT_TS	93	TIMESTAMP	26
(null)	STUD_BI	AWARD_CRT_BT_NUM	4	INTEGER	10
(null)	STUD_BI	AWARD_UPD_TS	93	TIMESTAMP	26
(null)	STUD_BI	AWARD_UPD_BT_NUM	4	INTEGER	10

Object View Tabs...

- ▶ Data – View of data in the database object
- ▶ Row count – Number of rows in the database object



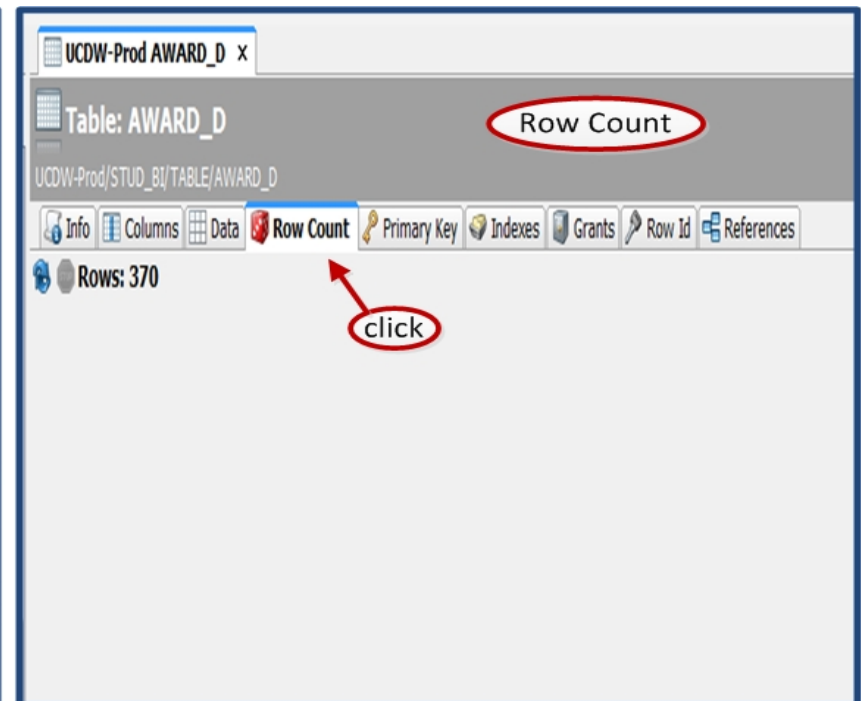
UCDW-Prod AWARD_D x

Table: AWARD_D **click** Data

UCDW-Prod/STUD_BJ/TABLE/AWARD_D

Info Columns Data Row Count Primary Key Indexes Grants Row Id References

	AWRD_KEY	AWRD_CD	AWRD_NAM	AWRD_CUR_ACTV_FL	AWRD_BEG_EFF_DT	AWRD_END_EFF_DT	AWRD_AUTHNG_AGCY_CD
1	1 PH8		SECTION 702 - VET DEP NRST TUITION EXEMP	N	2015-10-26	2016-10-19	5
2	2 AF1		TEACHING ASSISTANT - UC	Y	1980-01-01	9999-12-31	5
3	3 AH1		READERS/TUTORS - FEDERAL	Y	1980-01-01	9999-12-31	1
4	4 AN1		RA - HUMANITIES	Y	1980-01-01	9999-12-31	5
5	5 8B1		TEACHING ASSISTANT EARNINGS	Y	1980-01-01	9999-12-31	5
6	6 8D1		OTHER STUDENT EARNINGS	Y	1980-01-01	9999-12-31	5
7	7 EA1		AASERT FELLOWSHIP	Y	1980-01-01	9999-12-31	1
8	8 EI1		DEPT OF ENERGY FELLOWSHIP	Y	1980-01-01	9999-12-31	1
9	9 EO3		GAANN FELLOWSHIP	Y	1980-01-01	9999-12-31	1
10	10 ES1		MICRO FELLOWSHIP	Y	1980-01-01	9999-12-31	4
11	11 EU1		NH FELLOWSHIP/TRAINESHIP	Y	1980-01-01	9999-12-31	1
12	12 FC1		TITLE VI FELLOWSHIP	Y	1980-01-01	9999-12-31	1
13	13 FE1		NR SUPP TUITION FELLOWSHIPFELLOWSHIP	Y	1980-01-01	9999-12-31	5
14	14 GC2		CAL GRANT 8	Y	1980-01-01	9999-12-31	2
15	17 GJ2		OTHER GRANT - STATE GOVT	Y	1980-01-01	9999-12-31	2
16	19 GK2		OTHER GRANT - OTHER GOVT	Y	1980-01-01	9999-12-31	3
17	20 GL2		OTHER GRANT - UC OP	Y	1980-01-01	9999-12-31	4
18	21 GM2		OTHER GRANT - UC CAMPUS	Y	1980-01-01	9999-12-31	5
19	36 GP2		OTHER GRANT - OA INDIVIDUAL	Y	1980-01-01	9999-12-31	8
20	37 GQ2		CAL GRANT C	Y	1980-01-01	9999-12-31	2



UCDW-Prod AWARD_D x

Table: AWARD_D **Row Count**

UCDW-Prod/STUD_BJ/TABLE/AWARD_D

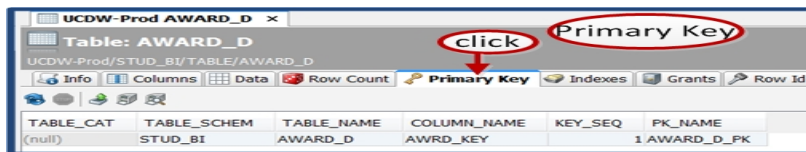
Info Columns Data **Row Count** Primary Key Indexes Grants Row Id References

Rows: 370

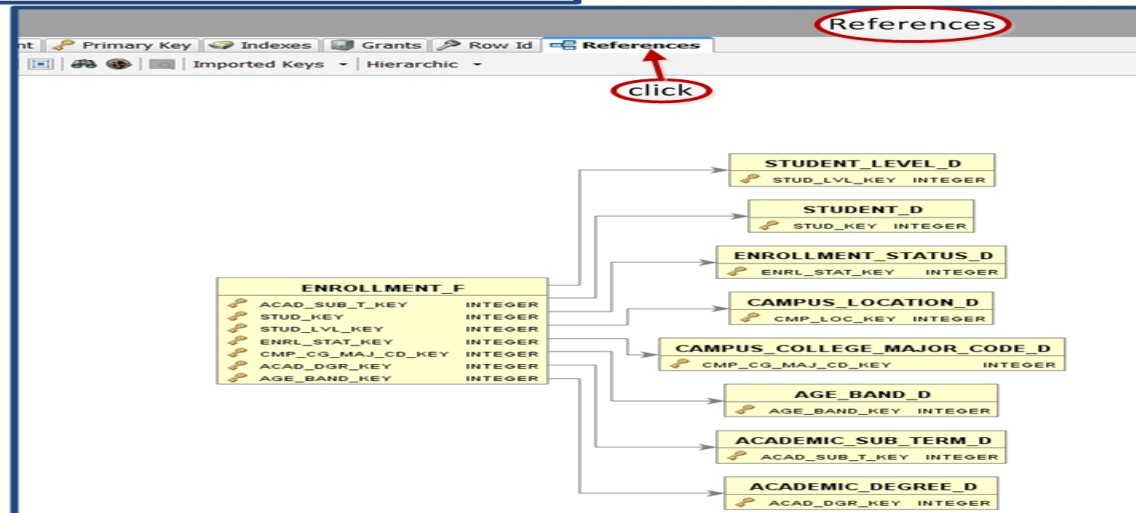
click

Object View Tabs...

- ▶ Primary key – Information about primary key of database object
- ▶ References – Shows declared primary/foreign key relationships to other tables



TABLE_CAT	TABLE_SCHEM	TABLE_NAME	COLUMN_NAME	KEY_SEQ	PK_NAME
(null)	STUD_BI	AWARD_D	AWRD_KEY	1	AWARD_D_PK



SQL Commander Tabs

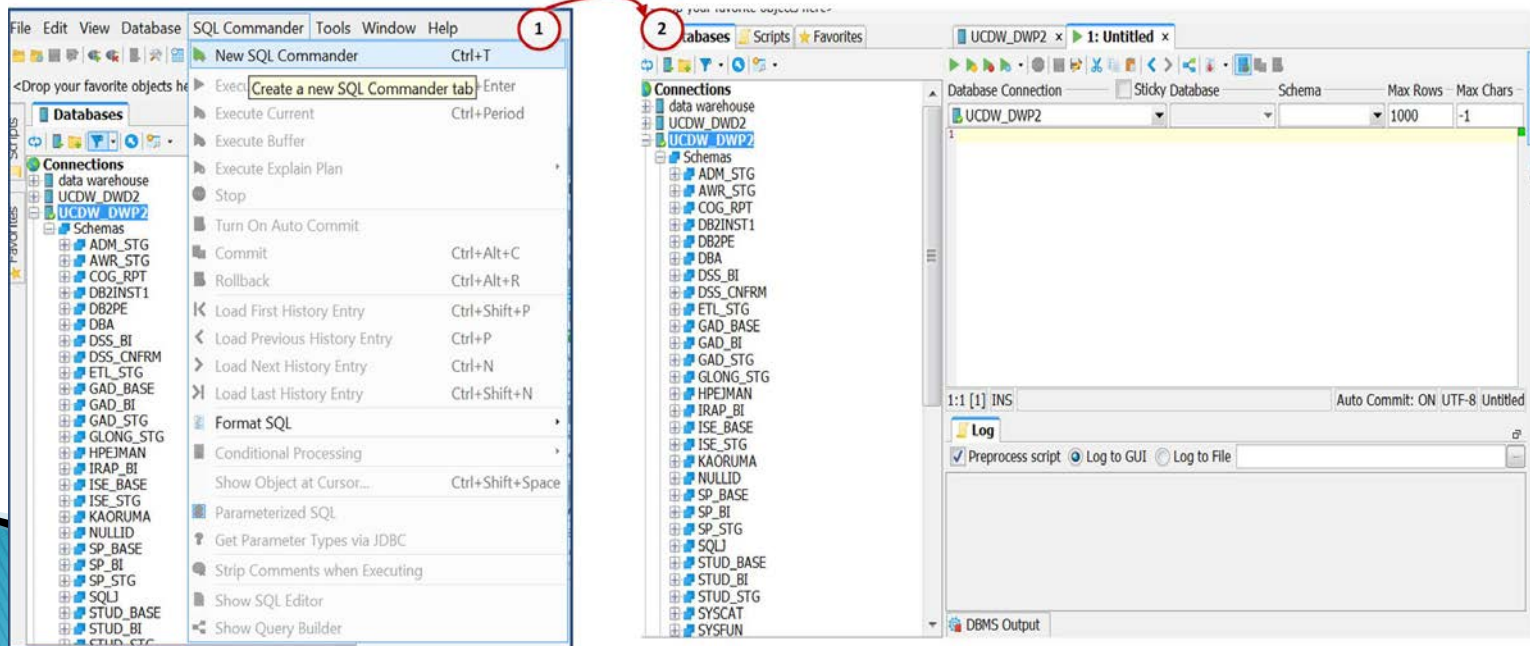
- ▶ The SQL commander contains an editor for writing SQL scripts, controls for executing the script, and a result area with a Log Tab and Result Set Tab and a DBMS Output Tab.

The screenshot displays the SQL Commander interface. At the top, the 'SQL Commander Editor Tab' is active, showing a SQL query: `1 SELECT * FROM STUD_BI.STUDENT_D`. Below the editor, the 'Log Tab' is selected, displaying the execution log for the query. The 'Result Set Tab' is also visible, showing the query results in a table format.

* ST	STUD_KEY	PSN_KEY	STUD_LOC_CMP_CD	STUD_FST_NAM
1	4638414		001	THOMAS CHARLES
2	228212		004	ERICA
3	228214		001	JULIANA HART
4	228222		001	RACHEL HANNAH
5	228224		001	ALLISON L
6	228258		001	MICHAEL BRANDON
7	228259		004	ROBERT JAY
8	228225		004	SHABNAM
9	228261		001	APOORVA
10	228263		004	OLIVIA
11	228265		001	STEVEN JOSEPH

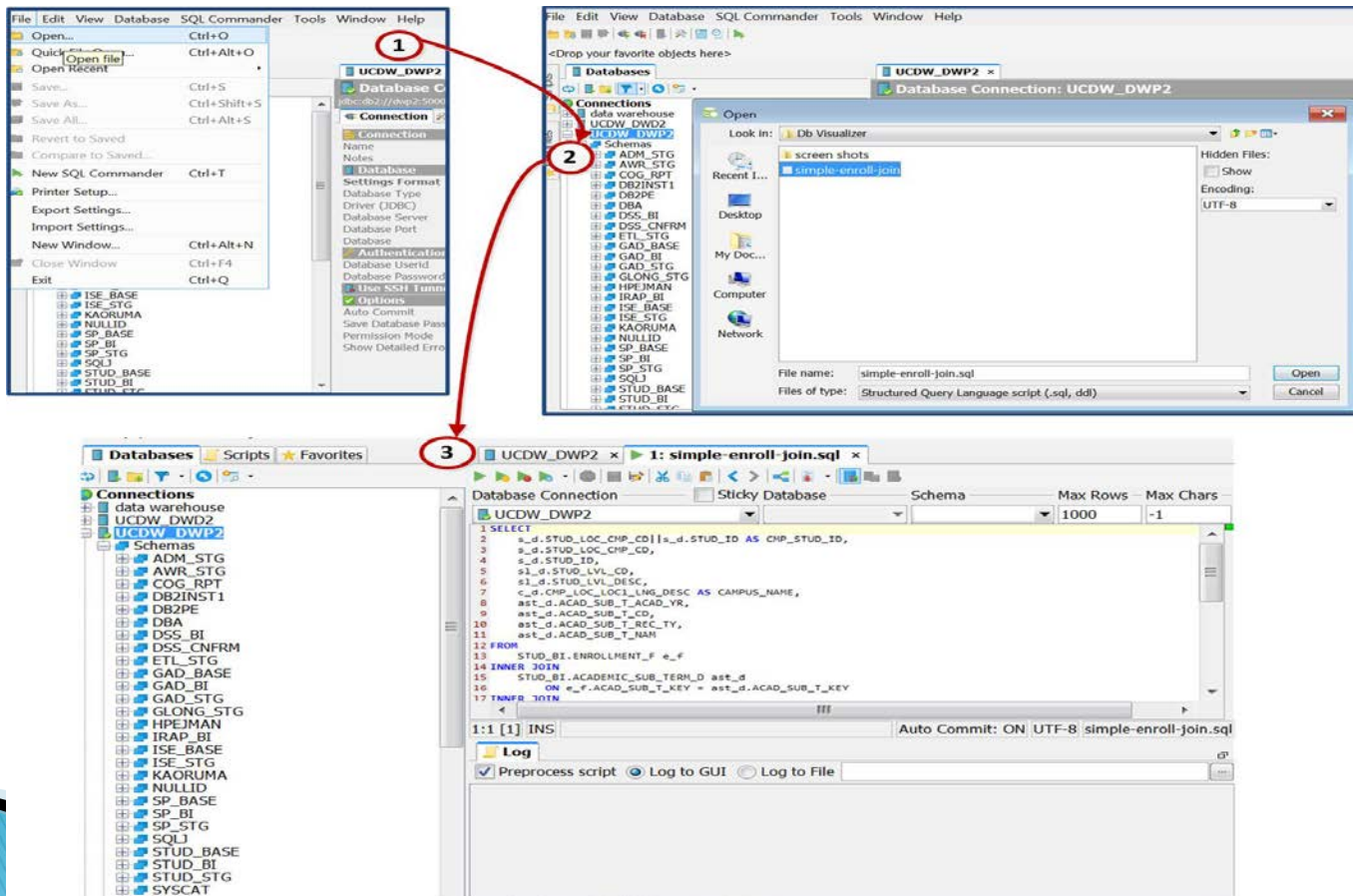
SQL Commander Tabs

- ▶ Use the Main Tool Bar to open a new SQL commander tab.
- ▶ Use SQL commander to open a new, empty SQL commander editor tab to write a new SQL script.



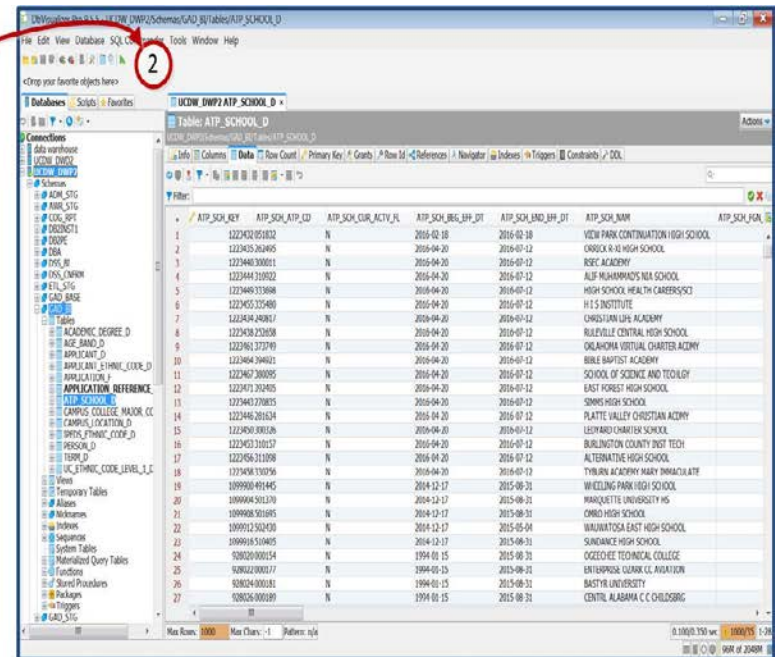
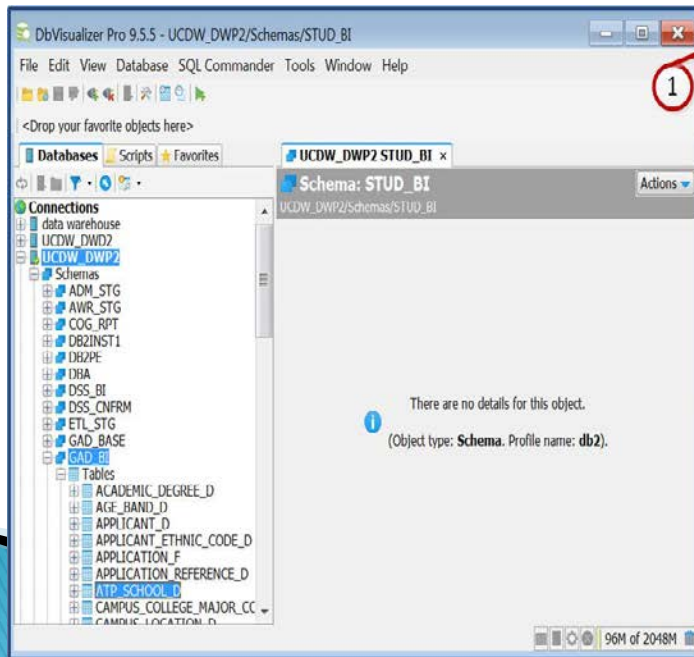
SQL Commander Tabs

- ▶ Use File -> Open File option to open an existing SQL script in a SQL commander tab.



Working with Tables

- ▶ Opening the Data Sub Tab:
 - Locate the table in the Databases tab tree.
 - Double-click the table node to open its Object View tab.
 - Open the Data sub tab.



Working with Tables

- Filter and Sort capabilities are available in Data tab to generate similar function as SQL WHERE and ORDER BY clauses.

Filter and Sort Icon

1

ATP_SCH_KEY	ATP_SCH_LATP_CD	ATP_SCH_ST_CD	ATP_SCH_NAM	ATP_SCH_CUR_ACTV_FL
1223444	310922	NJ	ALIF MUHAMMAD'S NIA SCHOOL	N
1223440	333698	NY	HIGH SCHOOL HEALTH CAREERS/SCI	N
1223434	240817	MN	CHRISTIAN LIFE ACADEMY	N
1223438	252658	MS	RULEVILLE CENTRAL HIGH SCHOOL	N
1223461	373749	OK	OKLAHOMA VIRTUAL CHARTER ACADMY	N
1223464	394921	PA	BIBLE BAPTIST ACADEMY	N
1223467	380995	OR	SCHOOL OF SCIENCE AND TECHNOY	N
1223471	392405	PA	EAST FOREST HIGH SCHOOL	N
1223483	270835	MT	SIBBS HIGH SCHOOL	N
1223446	281634	NE	PLATTE VALLEY CHRISTIAN ACADMY	N
1223450	300326	NH	LEDYARD CHARTER SCHOOL	N
1223453	310157	NJ	BURLINGTON COUNTY INST TECH	N
1223456	311098	NJ	ALTERNATIVE HIGH SCHOOL	N
1223458	330256	NY	TYBURN ACADEMY MARY IMMACULATE	N
1099900	491445	WV	WHEELING PARK HIGH SCHOOL	N
1099904	501370	WI	MARQUETTE UNIVERSITY HS	N
1099908	501695	WI	OMRO HIGH SCHOOL	N
1099912	500430	WI	WALWATOSA EAST HIGH SCHOOL	N
1099916	510405	WY	SUNDANCE HIGH SCHOOL	N
928020	000154	GA	OSCEOLA TECHNICAL COLLEGE	N
928022	000177	AL	ENTERPRISE OZARK CC AVIATION	N
928024	000181	WA	BASTYR UNIVERSITY	N
928026	000189	AL	CENTRAL ALABAMA C C CHILDSBRG	N

2

Filter: ATP_SCH_ST_CD = CA

Sort: ATP_SCH_NAM Ascending

ATP_SCH_KEY	ATP_SCH_LATP_CD	ATP_SCH_ST_CD	ATP_SCH_NAM	ATP_SCH_CUR_ACTV_FL
1099912	502430	WI	WALWATOSA EAST HIGH SCHOOL	N
1099916	510405	WY	SUNDANCE HIGH SCHOOL	N
928020	000154	GA	OSCEOLA TECHNICAL COLLEGE	N
928022	000177	AL	ENTERPRISE OZARK CC AVIATION	N
928024	000181	WA	BASTYR UNIVERSITY	N
928026	000189	AL	CENTRAL ALABAMA C C CHILDSBRG	N

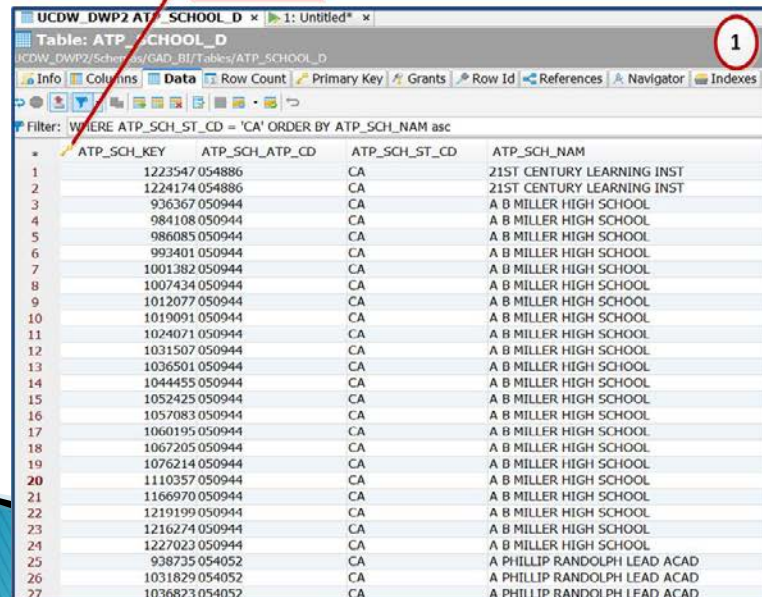
3

Filter: WHERE ATP_SCH_ST_CD = 'CA' ORDER BY ATP_SCH_NAM asc

ATP_SCH_KEY	ATP_SCH_LATP_CD	ATP_SCH_ST_CD	ATP_SCH_NAM	ATP_SCH_CUR_ACTV_FL	ATP
1223547	054886	CA	21ST CENTURY LEARNING INST	N	2010
1224174	054886	CA	21ST CENTURY LEARNING INST	Y	2016
9280367	050944	CA	A B MILLER HIGH SCHOOL	N	1994
984108	050944	CA	A B MILLER HIGH SCHOOL	N	2000
980304	050944	CA	A B MILLER HIGH SCHOOL	N	2001
903401	050944	CA	A B MILLER HIGH SCHOOL	N	2001
1082382	050944	CA	A B MILLER HIGH SCHOOL	N	2002
1007434	050944	CA	A B MILLER HIGH SCHOOL	N	2003
1012077	050944	CA	A B MILLER HIGH SCHOOL	N	2004
1019091	050944	CA	A B MILLER HIGH SCHOOL	N	2005
1024071	050944	CA	A B MILLER HIGH SCHOOL	N	2006
1031507	050944	CA	A B MILLER HIGH SCHOOL	N	2007
1038501	050944	CA	A B MILLER HIGH SCHOOL	N	2008
1044405	050944	CA	A B MILLER HIGH SCHOOL	N	2009
1052425	050944	CA	A B MILLER HIGH SCHOOL	N	2010
1057705	050944	CA	A B MILLER HIGH SCHOOL	N	2011
1066195	050944	CA	A B MILLER HIGH SCHOOL	N	2011
1067205	050944	CA	A B MILLER HIGH SCHOOL	N	2012
1076214	050944	CA	A B MILLER HIGH SCHOOL	N	2013
1110357	050944	CA	A B MILLER HIGH SCHOOL	N	2015
1166970	050944	CA	A B MILLER HIGH SCHOOL	N	2015
1219199	050944	CA	A B MILLER HIGH SCHOOL	N	2015
1219199	050944	CA	A B MILLER HIGH SCHOOL	N	2015
1227023	050944	CA	A B MILLER HIGH SCHOOL	Y	2016
908735	054052	CA	A PHILLIP RANDOLPH LEAD ACAD	N	1994
1031829	054052	CA	A PHILLIP RANDOLPH LEAD ACAD	N	2007
1036623	054052	CA	A PHILLIP RANDOLPH LEAD ACAD	N	2008

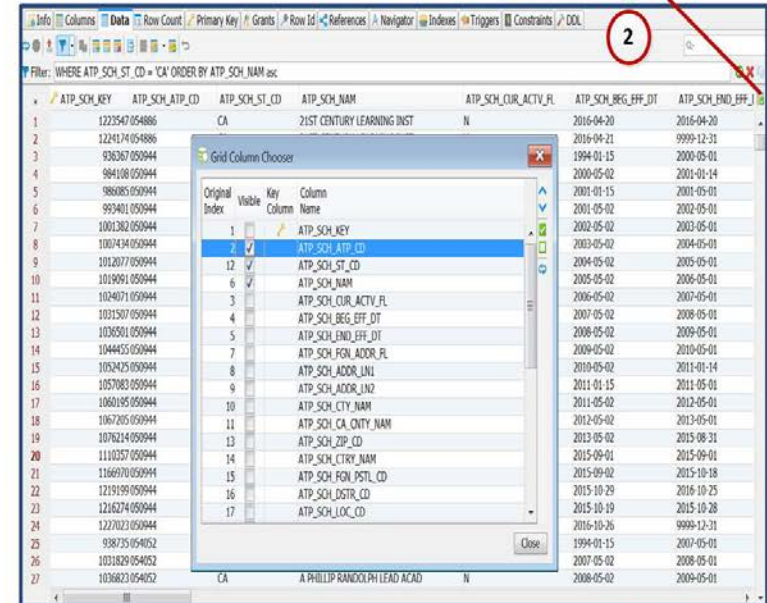
Working with Tables

- ▶ A primary key column is shown with an icon in the column header. (1)
- ▶ The grid column chooser dialog controls which columns you want to appear in a grid. (2)



The screenshot shows a table named 'ATP_SCHOOL_D' with columns: ATP_SCH_KEY, ATP_SCH_ATP_CD, ATP_SCH_ST_CD, and ATP_SCH_NAM. The 'ATP_SCH_KEY' column header has a key icon, indicating it is the primary key. A red box labeled 'Primary key Column Icon' points to this icon. A red circle with the number '1' is in the top right corner of the table grid.

	ATP_SCH_KEY	ATP_SCH_ATP_CD	ATP_SCH_ST_CD	ATP_SCH_NAM
1	1223547 054886	CA		21ST CENTURY LEARNING INST
2	1224174 054886	CA		21ST CENTURY LEARNING INST
3	936367 050944	CA		A B MILLER HIGH SCHOOL
4	984108 050944	CA		A B MILLER HIGH SCHOOL
5	986085 050944	CA		A B MILLER HIGH SCHOOL
6	993401 050944	CA		A B MILLER HIGH SCHOOL
7	1001382 050944	CA		A B MILLER HIGH SCHOOL
8	1007434 050944	CA		A B MILLER HIGH SCHOOL
9	1012077 050944	CA		A B MILLER HIGH SCHOOL
10	1019091 050944	CA		A B MILLER HIGH SCHOOL
11	1024071 050944	CA		A B MILLER HIGH SCHOOL
12	1031507 050944	CA		A B MILLER HIGH SCHOOL
13	1036501 050944	CA		A B MILLER HIGH SCHOOL
14	1044455 050944	CA		A B MILLER HIGH SCHOOL
15	1052425 050944	CA		A B MILLER HIGH SCHOOL
16	1057083 050944	CA		A B MILLER HIGH SCHOOL
17	1060195 050944	CA		A B MILLER HIGH SCHOOL
18	1067205 050944	CA		A B MILLER HIGH SCHOOL
19	1076214 050944	CA		A B MILLER HIGH SCHOOL
20	1110357 050944	CA		A B MILLER HIGH SCHOOL
21	1166970 050944	CA		A B MILLER HIGH SCHOOL
22	1219199 050944	CA		A B MILLER HIGH SCHOOL
23	1216274 050944	CA		A B MILLER HIGH SCHOOL
24	1227023 050944	CA		A B MILLER HIGH SCHOOL
25	938735 054052	CA		A PHILLIP RANDOLPH LEAD ACAD
26	1031829 054052	CA		A PHILLIP RANDOLPH LEAD ACAD
27	1036823 054052	CA		A PHILLIP RANDOLPH LEAD ACAD



The screenshot shows a grid with columns: ATP_SCH_KEY, ATP_SCH_ATP_CD, ATP_SCH_ST_CD, ATP_SCH_NAM, ATP_SCH_CUR_ACTV_FL, ATP_SCH_BEG_EFF_DT, and ATP_SCH_END_EFF_DT. A 'Grid Column Chooser' dialog box is open, listing columns with checkboxes for selection. A red box labeled 'Grid Column Chooser' points to the dialog. A red circle with the number '2' is in the top right corner of the grid.

Original Index	Visible	Key Column	Column Name
1	<input checked="" type="checkbox"/>		ATP_SCH_KEY
2	<input checked="" type="checkbox"/>		ATP_SCH_ATP_CD
12	<input checked="" type="checkbox"/>		ATP_SCH_ST_CD
6	<input checked="" type="checkbox"/>		ATP_SCH_NAM
3	<input type="checkbox"/>		ATP_SCH_CUR_ACTV_FL
4	<input type="checkbox"/>		ATP_SCH_BEG_EFF_DT
5	<input type="checkbox"/>		ATP_SCH_END_EFF_DT
10	<input type="checkbox"/>		ATP_SCH_FGN_ADDR_FL
8	<input type="checkbox"/>		ATP_SCH_ADDR_LN1
9	<input type="checkbox"/>		ATP_SCH_ADDR_LN2
10	<input type="checkbox"/>		ATP_SCH_CTY_NAM
11	<input type="checkbox"/>		ATP_SCH_CA_CNTRY_NAM
13	<input type="checkbox"/>		ATP_SCH_ZIP_CD
14	<input type="checkbox"/>		ATP_SCH_CTRY_NAM
15	<input type="checkbox"/>		ATP_SCH_FGN_PSTL_CD
16	<input type="checkbox"/>		ATP_SCH_DSTR_CD
17	<input type="checkbox"/>		ATP_SCH_LOCC_CD

Working with Tables

- ▶ Generate SELECT statement based on the columns and filter present in the grid.
- ▶ Click the select statement generator icon and paste the code into text editor or SQL Commander editor tab.

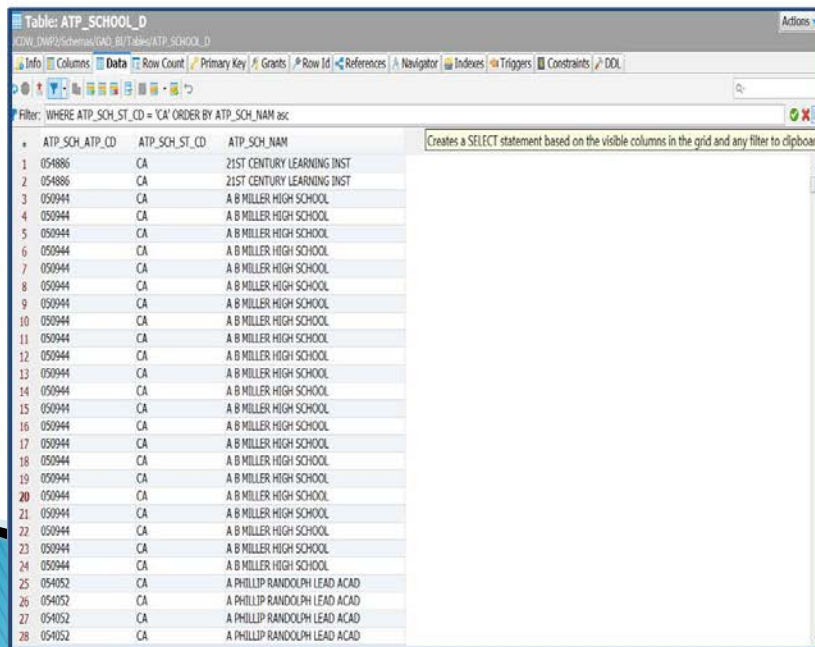
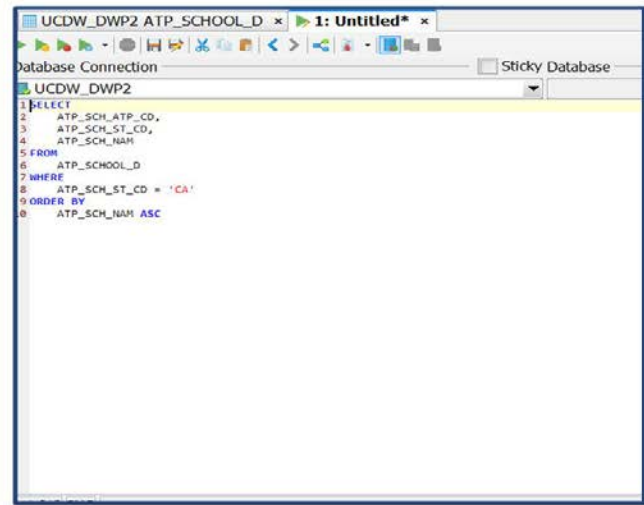


Table: ATP_SCHOOL_D
Filter: WHERE ATP_SCH_ST_CD = 'CA' ORDER BY ATP_SCH_NAM asc

ATP_SCH_ATP_CD	ATP_SCH_ST_CD	ATP_SCH_NAM
054886	CA	21ST CENTURY LEARNING INST
054886	CA	21ST CENTURY LEARNING INST
050944	CA	A B MILLER HIGH SCHOOL
050944	CA	A B MILLER HIGH SCHOOL
050944	CA	A B MILLER HIGH SCHOOL
050944	CA	A B MILLER HIGH SCHOOL
050944	CA	A B MILLER HIGH SCHOOL
050944	CA	A B MILLER HIGH SCHOOL
050944	CA	A B MILLER HIGH SCHOOL
050944	CA	A B MILLER HIGH SCHOOL
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050944	CA	A B MILLER HIGH SCHOOL
050944	CA	A B MILLER HIGH SCHOOL
050944	CA	A B MILLER HIGH SCHOOL
050944	CA	A B MILLER HIGH SCHOOL
050944	CA	A B MILLER HIGH SCHOOL
054052	CA	A PHILLIP RANDOLPH LEAD ACAD
054052	CA	A PHILLIP RANDOLPH LEAD ACAD
054052	CA	A PHILLIP RANDOLPH LEAD ACAD
054052	CA	A PHILLIP RANDOLPH LEAD ACAD

Creates a SELECT statement based on the visible columns in the grid and any filter to clipboard

SELECT Statement Generator Icon



```
UCDW_DWP2 ATP_SCHOOL_D x 1: Untitled* x
Database Connection
UCDW_DWP2
1 SELECT
2 ATP_SCH_ATP_CD,
3 ATP_SCH_ST_CD,
4 ATP_SCH_NAM
5 FROM
6 ATP_SCHOOL_D
7 WHERE
8 ATP_SCH_ST_CD = 'CA'
9 ORDER BY
10 ATP_SCH_NAM ASC
```

Executing SQL Statements

- ▶ Execute the SQL statement in the SQL Commander.
- ▶ Make sure to select the correct Database connection and schema before executing the SQL.

The image shows two screenshots of the SQL Developer interface. The left screenshot shows the SQL Editor with a query and annotations. The right screenshot shows the same query executed, displaying the result set in a table.

Execute SQL Icon (points to the green play button icon)

Database Connection (points to the dropdown menu showing 'UCDW_DWP2')

Schema (points to the dropdown menu showing 'GAD_BI')

```
1 SELECT
2   ATP_SCH_ATP_CD,
3   ATP_SCH_ST_CD,
4   ATP_SCH_NAM
5 FROM
6   ATP_SCHOOL_D
7 WHERE
8   ATP_SCH_ST_CD = 'CA'
9 ORDER BY
10  ATP_SCH_NAM ASC
```

1 (points to the SQL Editor window)

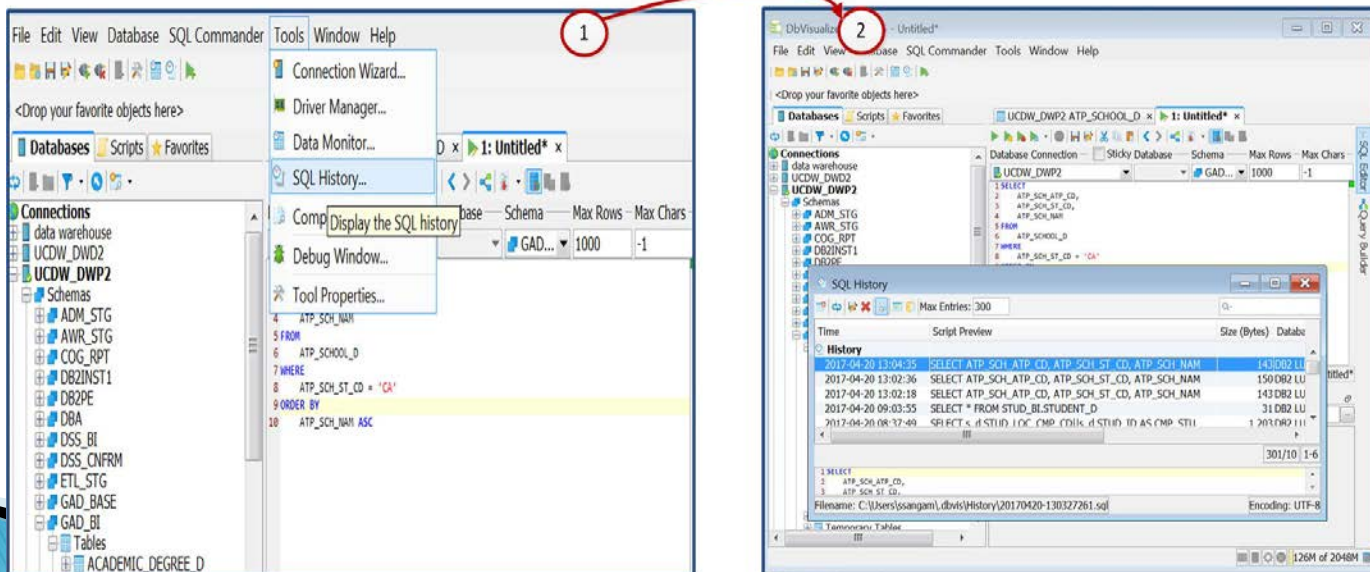
2 (points to the Result Set window)

* ATP_SCH_ATP_CD	ATP_SCH_ST_CD	ATP_SCH_NAM
1 054886	CA	21ST CENTURY LEARNING INST
2 054886	CA	21ST CENTURY LEARNING INST
3 050944	CA	A B MILLER HIGH SCHOOL
4 050944	CA	A B MILLER HIGH SCHOOL
5 050944	CA	A B MILLER HIGH SCHOOL
6 050944	CA	A B MILLER HIGH SCHOOL
7 050944	CA	A B MILLER HIGH SCHOOL
8 050944	CA	A B MILLER HIGH SCHOOL

Result Set (points to the table)

Executing SQL Statements

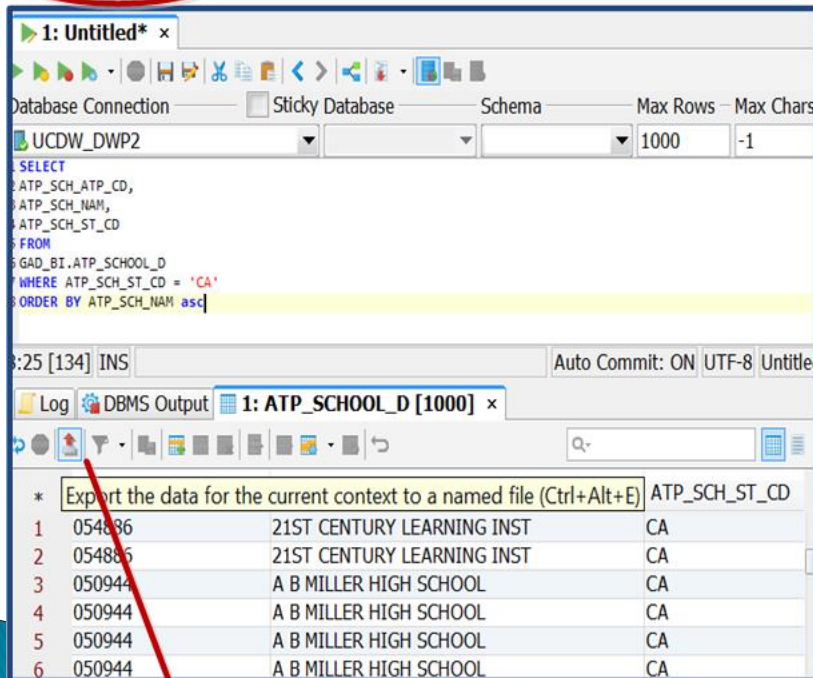
- ▶ DB Visualizer free version allows only one SQL commander tab and can only execute one SQL statement at a time.
- ▶ Click Tools -> SQL History to view the history of SQL statements previously executed.



Exporting Result Set

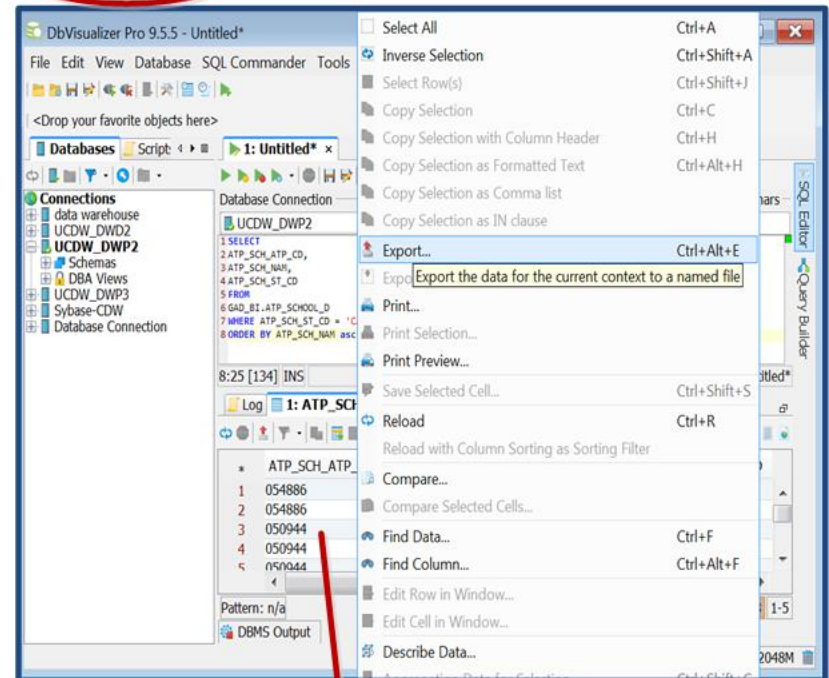
- ▶ Click the export icon (or) right click in the result set, to export data from the result set to a named file.

Option 1



Export Icon

Option 2



Right Click on the result set

Export Result Set

- ▶ Use Export Grid to export the data into desired output file format.

1 Pick desired output file format

2

Export	Name	Label (Alias)	Type	Is Text	Value
<input checked="" type="checkbox"/>	ATP_SCH_ATP_CD	ATP_SCH_ATP_CD	String	<input checked="" type="checkbox"/>	\$(value)\$
<input checked="" type="checkbox"/>	ATP_SCH_NAM	ATP_SCH_NAM	String	<input checked="" type="checkbox"/>	\$(value)\$
<input checked="" type="checkbox"/>	ATP_SCH_ST_CD	ATP_SCH_ST_CD	String	<input checked="" type="checkbox"/>	\$(value)\$

3

```
1 ATP_SCH_ATP_CD,ATP_SCH_NAM,ATP_SCH_ST_CD
2 054826,21ST CENTURY LEARNING INST,GA
3 054886,21ST CENTURY LEARNING INST,GA
4 050944,A B MILLER HIGH SCHOOL,CA
5 050944,A B MILLER HIGH SCHOOL,CA
6 050944,A B MILLER HIGH SCHOOL,CA
7 050944,A B MILLER HIGH SCHOOL,CA
8 050944,A B MILLER HIGH SCHOOL,CA
9 050944,A B MILLER HIGH SCHOOL,CA
10 050944,A B MILLER HIGH SCHOOL,CA
11 050944,A B MILLER HIGH SCHOOL,CA
12 050944,A B MILLER HIGH SCHOOL,CA
13 050944,A B MILLER HIGH SCHOOL,CA
14 050944,A B MILLER HIGH SCHOOL,CA
15 050944,A B MILLER HIGH SCHOOL,CA
16 050944,A B MILLER HIGH SCHOOL,CA
17 050944,A B MILLER HIGH SCHOOL,CA
18 050944,A B MILLER HIGH SCHOOL,CA
19 050944,A B MILLER HIGH SCHOOL,CA
20 050944,A B MILLER HIGH SCHOOL,CA
21 050944,A B MILLER HIGH SCHOOL,CA
22 050944,A B MILLER HIGH SCHOOL,CA
23 050944,A B MILLER HIGH SCHOOL,CA
24 050944,A B MILLER HIGH SCHOOL,CA
25 050944,A B MILLER HIGH SCHOOL,CA
26 054852,A PHILLIP RANDOLPH LEAD ACAD,CA
27 054852,A PHILLIP RANDOLPH LEAD ACAD,CA
28 054852,A PHILLIP RANDOLPH LEAD ACAD,CA
29 054852,A PHILLIP RANDOLPH LEAD ACAD,CA
30 054852,A PHILLIP RANDOLPH LEAD ACAD,CA
31 054852,A PHILLIP RANDOLPH LEAD ACAD,CA
32 054852,A PHILLIP RANDOLPH LEAD ACAD,CA
```

4 Output file name

C:\Users\ssangam\Desktop\data-export.csv