

UCOP Data Users Group

January 17, 2018

Agenda

- ▶ Review execution steps for all exercises
- ▶ Group exercise 1: Degree Completers
 - Technical Requirements for Exercise 1
- ▶ Group exercise 2: Degree Completions
 - Technical Requirements for Exercise 2
- ▶ Group exercise 3: Enrollment Headcount
 - Technical Requirements for Exercise 3
- ▶ JIRA Code Library
- ▶ Q & A

Execution Steps

- ▶ Find the corresponding database tables required.
- ▶ Specify the variables by identifying the correct fields within the tables needed to perform this query.
- ▶ Write SQL query to join the tables.
 - TIP: Start by joining the first two tables. Get the result set and verify that the result is accurate. Add additional joins one table at a time.
- ▶ Show final results from query execution.

Group Exercise 1 – Degree Completers

▶ Project Goal

- Write an SQL query that extracts degree completers for academic year 2016 by campus based on the following selection criteria:
 - Academic Year
 - Term
 - Campus Location Code
 - Campus Location Name
 - Gender

Technical Requirements – Exercise 1

Degree Completers

▶ Schema:

- STUD_BI

▶ Tables:

- DEGREE_HEAD_COUNT_M
- ACADEMIC_TERM_D
- STUDENT_D
- CAMPUS_LOCATION_D

▶ Columns:

- ACAD_T_ACAD_YR
- CMP_LOC_LOC1_CD
- CMP_LOC_LOC1_MXD_CASE_LNG_DESC
- STUD_GNDR_DESC

Group Exercise 2 – Degree Completions

▶ Project Goal

- Write an SQL query that extracts degree completions for academic year 2016 by campus based on the following selection criteria:
 - Academic Year
 - Term
 - Campus Location Code
 - Campus Location Name
 - Gender

Technical Requirements – Exercise 2

Degree Completions

▶ Schema:

- STUD_BI

▶ Tables:

- DEGREE_AWARDED_F
- ACADEMIC_DEGREE_D
- CAMPUS_LOCATION_D
- ACADEMIC_TERM_D

▶ Columns:

- CMP_LOC_LOC1_SHRT_DESC
- ACAD_T_ACAD_YR
- ACAD_DGR_CATG_NAM
- ACAD_DGR_SHRT_NAM

Group Exercise 3 – Enrollment Headcount

▶ Project Goal

- Write a SQL query that extracts a distinct headcount of students enrolled in academic year 2017 fall term by campus based on the following selection criteria:
 - Calendar Year
 - Campus Location Code
 - Campus Location Name
 - Student Level (Undergraduate or Graduate)
 - Gender
 - Broad Discipline (9 Category)

Technical Requirements – Exercise 3

Enrollment Headcount

▶ Schema:

- STUD_BI

▶ Tables:

- ENROLLMENT_F
- ACADEMIC_SUB_TERM_D
- STUDENT_D
- CAMPUS_LOCATION_D
- STUDENT_LEVEL_D
- CAMPUS_COLLEGE_MAJOR_CODE_D

▶ Columns:

- ACAD_SUB_T_ACAD_YR
- ACAD_SUB_T_CLND_YR
- CMP_LOC_LOC1_CD
- CMP_LOC_LOC1_MXD_CASE_LNG_DESC
- STUD_LVL_GRAD_UGRAD_DESC
- CMP_CG_MAJ_CD_BROAD_DISCIPLN_9CAT_NAM

Formatted Queries in JIRA

- ▶ All completed and verified SQL queries are posted in the IRAP Code Library in JIRA.
- ▶ Visit the IRAP Code Library in [JIRA](#).
- ▶ Find out if you are eligible to access the IRAP Code Library by emailing ola.popoola@ucop.edu.

