

# University of California Tableau User Group (TUG)

Hosted By:

UC Office of the President

12-09-16

# Agenda

- Welcome/introductions
- Tableau conference 2016 takeaways – Ola Popoola – UCOP IRAP
- Useful design practices
  - Making dashboards that are irresistible – Tip #3 – Greg Boyer – UCOP Data Services
- Great dashboard of the month
  - UC Alumni at Work Dashboard – Brianna Moore-Trieu
- Connecting Tableau to Service Now – Krishna Malipatel – UCOP Data Services
- Next meeting
- Q & A

# TC16 Takeaways

- Keynote address
  - Multi-faceted visualizations
  - Layering
  - Instant Analytics
  - Natural Language Support
  - The Hyper Data Engine
  - Data Management
  - Building a Culture of Analytics
- Building a bridge between Business and IT
  - The Rigidity of Decision Support Systems
  - Perfection or moving forward
- Developers on stage
  - Good design
  - Data

## Dashboard Form

- Are you selecting a form that fits the need of the situation?

### Think in terms of:

1. Timeliness
2. Aesthetic Value
3. Connectivity
4. Data Detail
5. Data Density
6. Interactivity
7. Collaboration


<http://universityofcalifornia.edu/infocenter/california-community-college-enrollments-uc>

Factor	Question
<b>Timeliness</b>	How frequently is the data in the dashboard updated?
<b>Aesthetic Value</b>	How important is it that the dashboard looks attractive, or can it be purely utilitarian?
<b>Mobility</b>	Does the audience need to access the information on-the-go?
<b>Connectivity</b>	Does the dashboard need to connect to live data sources?
<b>Data Detail</b>	Will the dashboard offer an ability to drill down to see more contexts?
<b>Data Density</b>	How information-rich will views of the data be?
<b>Interactivity</b>	Will the user benefit from interacting with the dashboard?
<b>Collaboration</b>	Is it important that your audience be able to easily share and collaborate on the dashboard?

# UC Alumni at Work

← Undo → Redo ↶ Revert 🔄 Refresh ⏸ Pause 📄 Original View ✎ Edit ⚙ Share 📄 Download

By Campus Major **Loans and Earnings** By Industry Learning Outcomes FAQ



## University of California Alumni at Work

LIVING AND WORKING IN CALIFORNIA

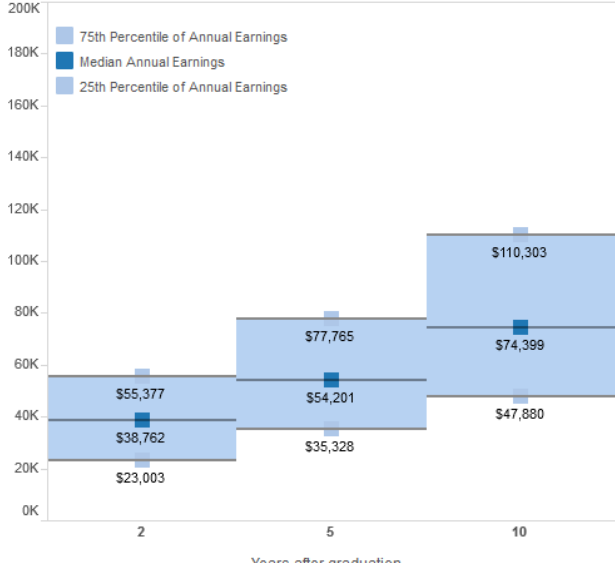
The majority (~70%) of UC Alumni live and work in California. Information in this dashboard shows typical annual earnings of UC undergraduate alumni who work in California, by campus and major. While information on alumni working outside of California is not yet available, data from this dashboard is the most comprehensive resource available to understand earning potential of UC undergraduate alumni.

Campus Name: (All) | Discipline: (All) | Major: (All) | Graduation Years: (All)

### Typical Annual Earnings

**Campus: All Discipline: All Major: All**

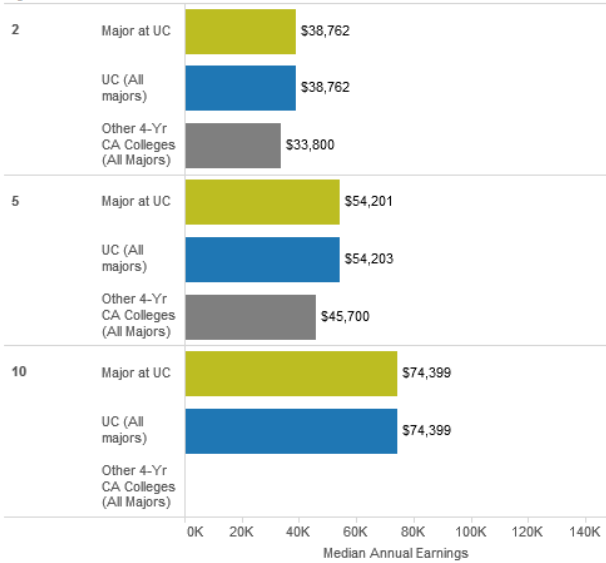
The chart below shows the middle range of UC alumni earnings salaries for the selected major and campus, using the 25th percentile, median and 75th percentile. The range in salary shows a likely range of salaries for alumni with this major at 2, 5 and 10 years after graduation.



Years after graduation	75th Percentile of Annual Earnings	Median Annual Earnings	25th Percentile of Annual Earnings
2	\$55,377	\$38,762	\$23,003
5	\$77,765	\$54,201	\$35,328
10	\$110,303	\$74,399	\$47,880

### UC Comparisons of Annual Earnings

The chart below shows the typical annual earnings for the major selected compared to all UC graduates and compared to students who attended other four year colleges in California.

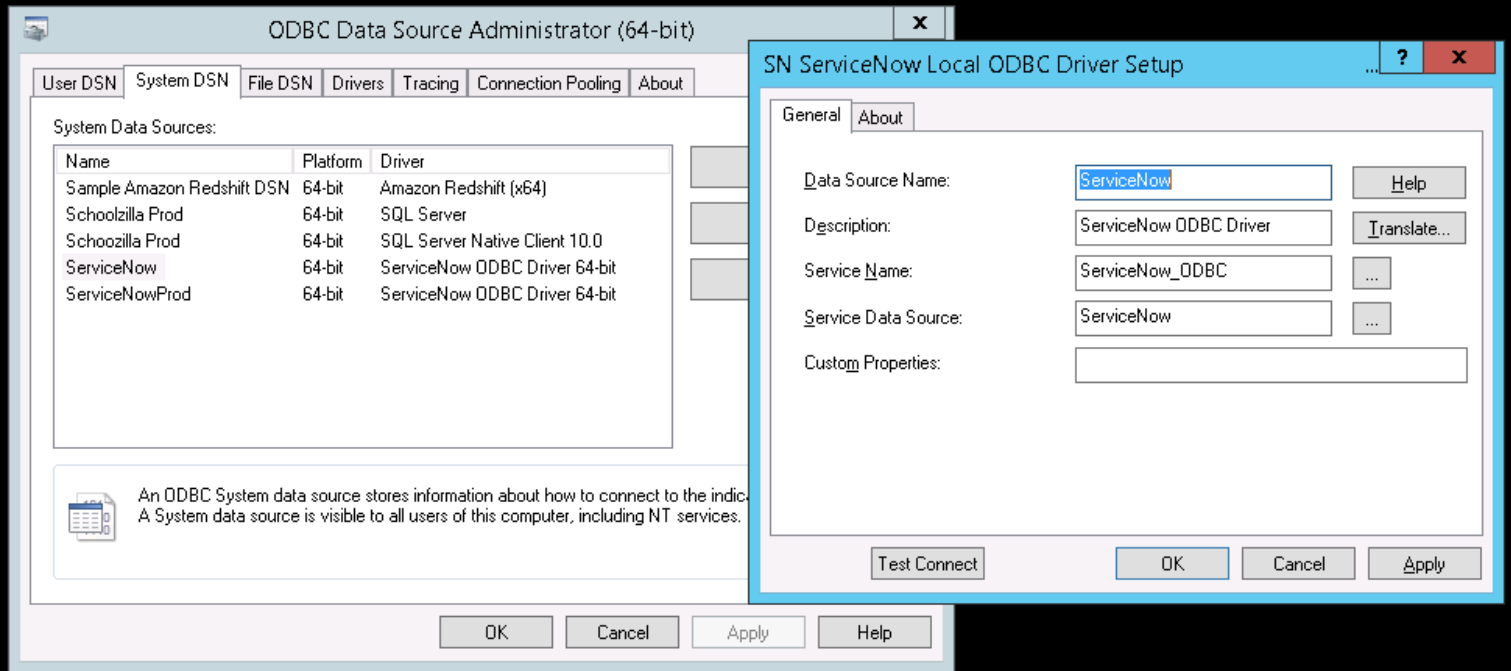


Years after graduation	Major at UC	UC (All majors)	Other 4-Yr CA Colleges (All Majors)
2	\$38,762	\$38,762	\$33,800
5	\$54,201	\$54,203	\$45,700
10	\$74,399	\$74,399	-

Note: 25% of graduates earn salaries greater than the top of the blue range and 25% earn salaries below the bottom of the blue range.

Note: Data from "Other four year colleges" is from the USDOE College Scorecard, which includes students enrolled 6-year and 10 years ago. Includes students who may or may not have graduated. This data is for recipients of Title IV financial aid only and is not differentiated by major.

# Tableau & Service Now



The screenshot shows the ODBC Data Source Administrator (64-bit) window with the 'System DSN' tab selected. A table lists existing system data sources. Overlaid on this is the 'SN ServiceNow Local ODBC Driver Setup' dialog box, which is configured with the following details:

Name	Platform	Driver
Sample Amazon Redshift DSN	64-bit	Amazon Redshift (x64)
Schoolzilla Prod	64-bit	SQL Server
Schoolzilla Prod	64-bit	SQL Server Native Client 10.0
ServiceNow	64-bit	ServiceNow ODBC Driver 64-bit
ServiceNowProd	64-bit	ServiceNow ODBC Driver 64-bit

Field	Value
Data Source Name:	ServiceNow
Description:	ServiceNow ODBC Driver
Service Name:	ServiceNow_ODBC
Service Data Source:	ServiceNow
Custom Properties:	

