



Task: Project: Interpretation of Data Visualization			
Topic:	Module 1: Thinking about Data, Working with Data	Week No.	
Course Code:	ITEP 203	Term:	1 st Semester
Course Title:	Quantitative Method including Modeling and Simulation	Academic Year:	2020-2021
Student Name	Mark P. Bernardino	Section	
Due date		Points	50

This learning activity will help attain the intended learning outcomes of this module and will solidify the objectives of the module.

Interpret a Data Visualization

Direction: A large part of working with data is being able to interpret data visualizations and explain your insights to others. To give you some practice with this, we have selected a few Tableau dashboards for you to explore. The links are below, under "Choose from these Dashboards." Choose one of these dashboards, whichever one interests you the most, and find **three insights** in the visualizations. For each insight, **provide a static image** that shares what you found. Write a short report explaining each observation and how you found the information to reach your conclusion from the dashboard. Altogether (including images), your report should be 1-2 pages.

Choose from these dashboards

[Madrid in Detail](#)

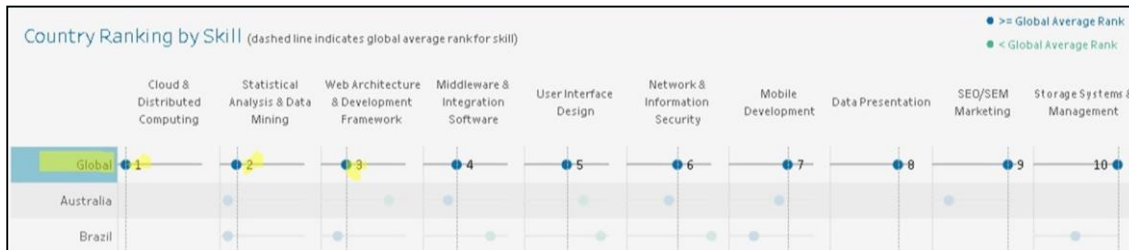
[Malaria in Africa](#)

[LinkedIn Top Skills](#)



Interpret a Data Visualization on LinkedIn Top Skills

1. Which are top three skills globally in demand for year 2016?



From the dashboard after clicking global, we can see that the top three skills in demand are:

1. Cloud & Distributed Computing
2. Statistical Analysis & Data Mining
3. Architecture & Development Framework

2. How skills demand in India compare to global skills demand for year 2016?



For comparing India's skill demand with global skills demand from that dashboard, I clicked on Global and India, this showed ranking for global as well as India for skills demand. By comparing, we can see that

1. India matches demand with global average in Cloud & Distributed Computing, Web Architecture & Development Framework.
2. India has more demand than global average in User Interface Design, Storage systems and management.
3. India has less demand than global average in Statistical Analysis & Data Mining, Network & Information Security.



3. Which are countries having more demand than global average for statistical analysis and data mining for year 2016?



Countries, which has more demand than the global average demand for skill Statistical Analysis & Data Mining, are Australia, Brazil, Canada, Netherlands, South Africa, United Arab Emirates, and United Kingdom.

We can also see that Countries matching the global average demand for Skill Statistical Analysis & Data Mining are France, Germany, Ireland, and United states.

Additionally, Countries having less demand than the global average demand for Skill Statistical Analysis & Data Mining are China, India, and Singapore.



RUBRIC SPECIFICATION

Insights from Data

Completeness

CRITERIA	MEETS SPECIFICATIONS
Required number of insights	Three insights are reported using one Dashboard.
Insight explanations	Each insight has an explanation describing how the insight was reached from the data. For each insight, provide a screenshot that shows what you found in the dashboard.

Correctness

CRITERIA	MEETS SPECIFICATIONS
Correct conclusions	Student's conclusions are correct based on the data.
Correct usage	The dashboard was used appropriately to find the information.

Adapted from Udacity: <https://review.udacity.com/#!/rubrics/1063/view>

Reminders:

1. AVOID PLAGIARISM, include the source/reference of the performance task output.
2. Save your quiz as **M1P1**-[Section]-[Surname] e.g. **M1P1-2F-BERNARDINO**