INTERPRET A DATA VISUALIZATION

Business Analytics Nanodegree, Udacity - Project 1
Dashboard: LinkedIn Top Skill chart
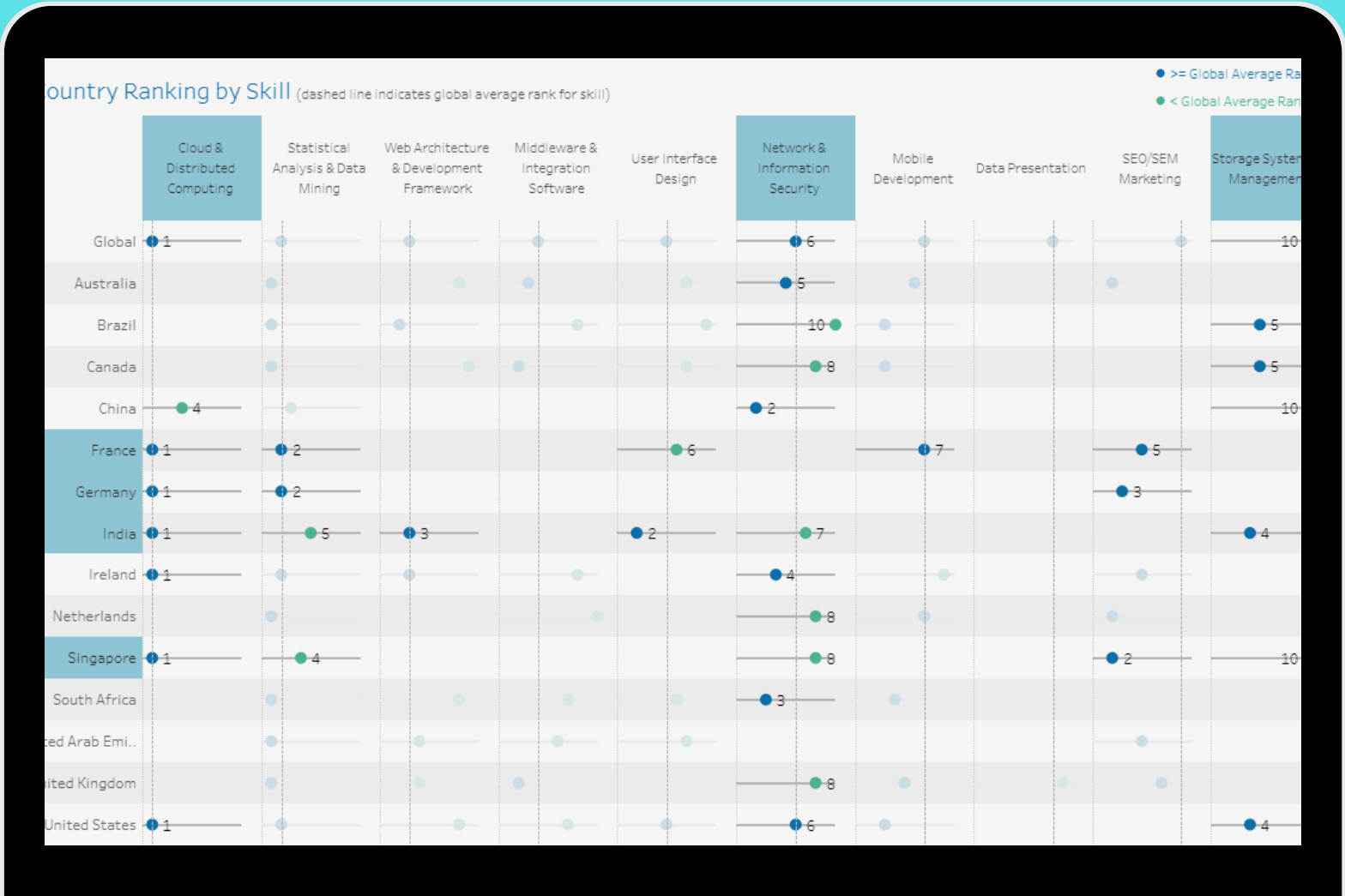
INSIGHT ONE - CLOUD AND DATA SUPREMACY

Digital age trend in global market

Being in Digital age, 'Cloud and distributed computing' is the most demanding skill in many countries leading in technological market. This include France, Germany, India, Ireland, Singapore and United States. However probability of employment is still at 48% and have room for improvement in the coming years. Since cloud services are owned and monitored by service providers and used mainly to access large chunks of data over internet, this raises the need for employees with data mining and analytical skill. Hence 'Statistical Analysis & Data Mining' is the second most demanding skill with highest dependency in almost every country, this can be observed when clicked on the 'Statistical Analysis & Data Mining' tab in the dashboard. This indicates that even though 'Statistical Analysis & Data Mining' is ranked under 2 most demanding skill, it has more opportunities in diversified geographical areas with highest probability of employment rate of 90%.

INSIGHT TWO - SKILL INTER DEPENDENCY

Mutual impact of technologies

With cloud and data skills leading the global market, many dependencies that support the successful and uninterrupted services both directly/indirectly are increasing in demand. For instance any digital data needs to be preserved for accessing over internet. This requires a dependable Storage systems & Management skills for the implementation of business services. Also any discussion involving data must address security & privacy

especially when it comes to managing stable data. Which is why 'Network & Information Security' has been a stable job in many countries. But cloud service providers implement the best security standards and industry certifications with reliable storage, hence many companies who employ cloud engineers tend to decrease the employment in 'Network & Information Security' and 'Storage systems & Management' sectors. This is reflected in the chart, countries such as France, Germany, India and Singapore which receive 'Cloud services' from 3rd party service providers has decreased employment rate in 'Network & Information Security' and 'Storage systems & Management' sectors.

INSIGHT THREE - POTENTIAL GROWTH

Existing resources and employees play a vital role for the potential growth in a given sector for the upcoming years. China has dedicated more resources on 'Network security' and Data Analysis & Mining' sectors, which will give rise to potential increase in the employment of roles related to 'Cloud and distributed computing'. Similarly, with 'Statistical Analysis & Data Mining' holding strong, employers need employees who can organize data and develop

user interfaces which can bridge the gap between clients and company's products/services. This will give rise to potential increase in the employment related to the sectors 'User Interface Design' and 'Data Presentation'. However, when clicked on 'Data Presentation' skill tab in the dashboard, it can be observed that 13/14 counties currently does not recruit employees in the field of 'Data Presentation'. While it being 8th among the most demanding skills and taking into account, the amount of vacancies available in most countries, employment in 'Data Presentation' will tend to increase exponentially in the upcoming years