

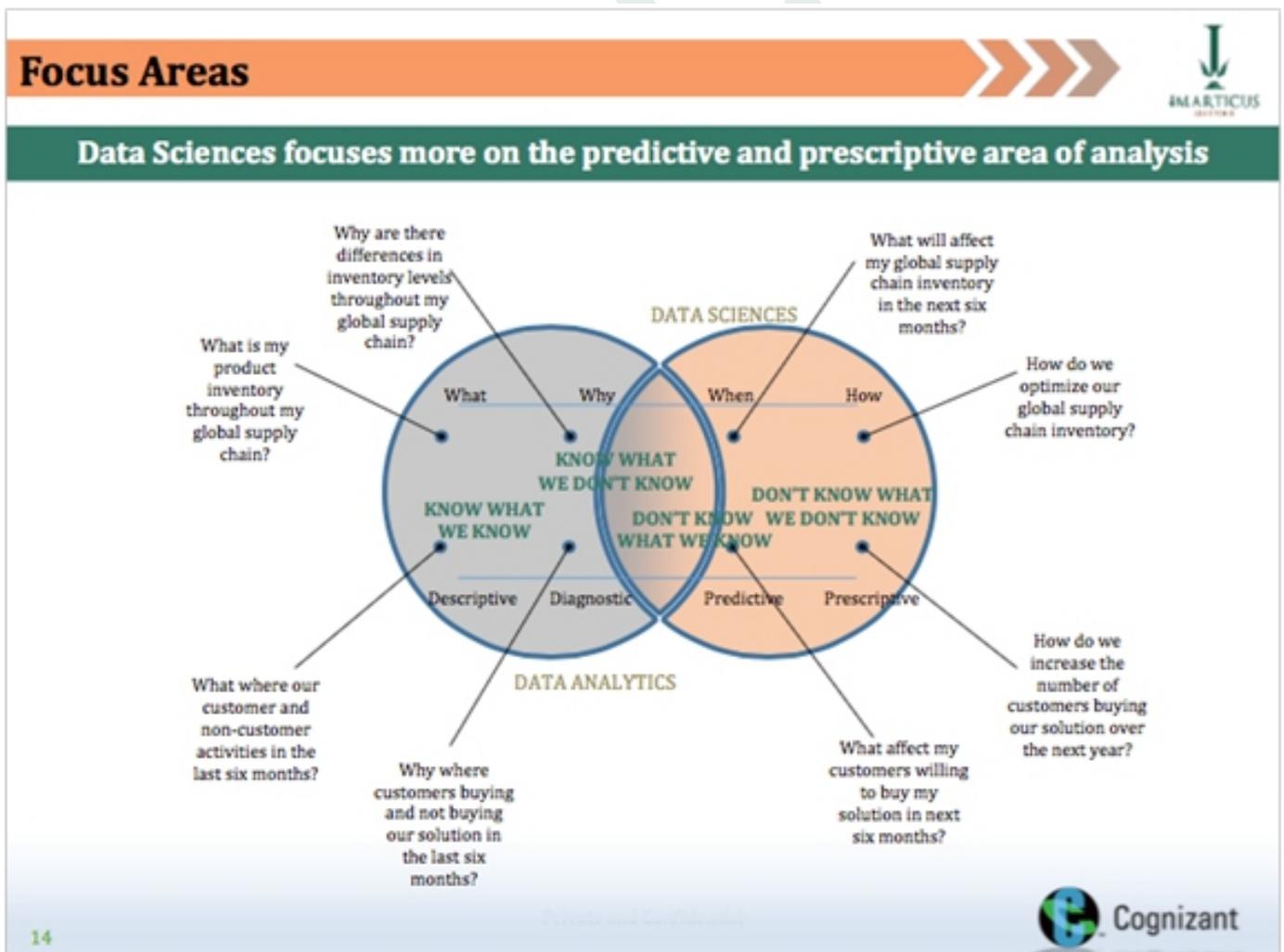
Data Analytics v/s Data Science

Vishal Agarwal, Cognizant

Imarticus Learning and Cognizant delivered a joint webinar on the key differences between Data Analytics and Data Science. Mr. Vishal Agarwal, Sr. Director at Cognizant Data Sciences conducted this session on the 27th of May 2016 in which he took us through the global trends in analytics, including the democratization of analytics and the transition of analytics from an operational to strategically progressive function.

Vishal demonstrated how we live in an inter-connected world where health, finance, security and life sciences adapt around people in real time, helping make lives more streamlined, productive, healthy and fun. However, to make this happen, the single most important component is data – loads of data. As per recent studies, enterprises are only mining a fraction of the data available to them. Analysts typically spend over 90% of their time analyzing data from enterprise data warehouses, however, 80% of the value comes from data that is not mined, typically from non-traditional sources.

Finally, we moved on to the moment everyone was waiting for. Vishal Agarwal navigated us through the key differences between Data Science and Data Analytics. While Data Science focuses more on predictive and prescriptive analysis, Data Analytics is centered on descriptive and diagnostic analysis.



In this webinar, Imarticus Learning and Cognizant Data Science went on to reinforce the importance of Data Analytics. The Harvard Business Review tagged Data Analytics as the 'Sexiest Job of the 21st Century'. McKinsey went on to claim that over 190,000 Data Scientist positions would be unfilled by the year 2018. Also, as per industry reports, Data Scientists make almost double the salary as compared to their counterparts in marketing, business development, research and finance.

Towards the end of the session, the participants were also made aware of the key skills that any data scientist requires. (i) Communication, (ii) Quantitative Analysis, (iii) Knowledge of vendor products such as SAS and Tableau and (iv) Coding in R, Python and Hadoop topped this list.

Imarticus Learning has a series of Data Analytics programs ranging across various platforms such as R, SAS and Hadoop. To know more, kindly visit the website at www.imarticus.org these programs can be consumed online at your premise, or in our classrooms across the country.

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