

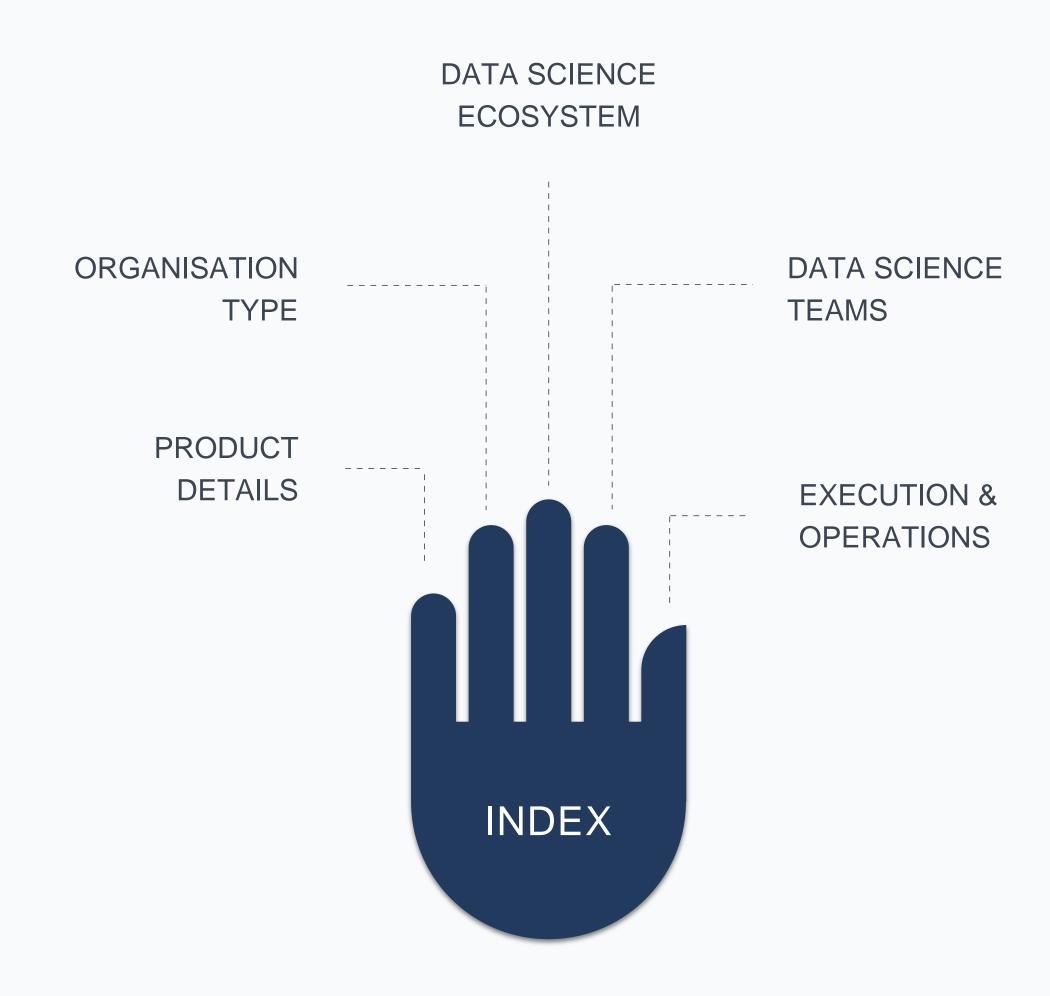
greatlearning Learning for Life

AIFL PROJECT

SETUP AI TEAMS | DRIVE AI DRIVEN CULTURE











PRODUCT DETAILS In the previous project we had proposed to design a IT Support chatbot which can help the team to reduce the workload and help the users to get faster resolutions to basic requests.

For further details please refer the previous project.





ORGANISATION TYPE



Organisation XYZ is an Information Technology Services company. It has various data science teams spread across different business units. I being the AI leader have to build a team for developing the chatbot product

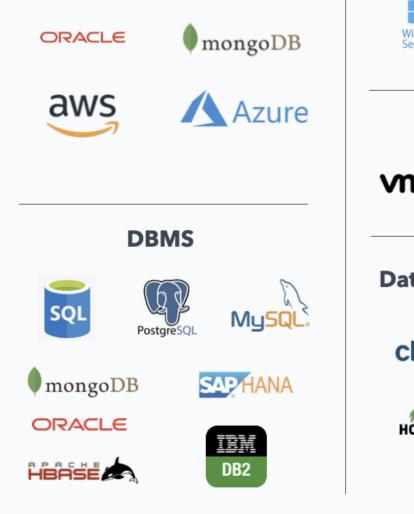




Example

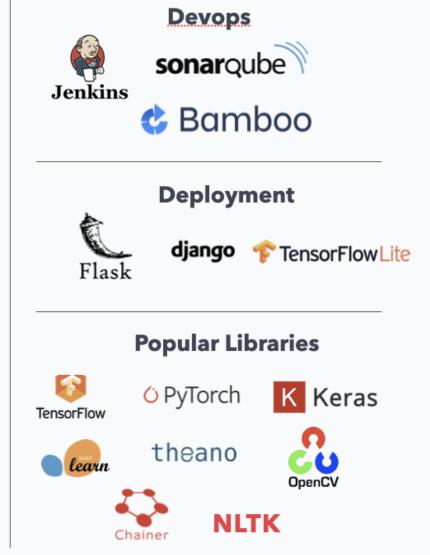
Database as Service

DATA SCIENCE ECOSYSTEM









Example of a typical end to end data science ecosystem

- Step 1 DB: It includes three boxes from above figure i.e. Data as service, DBMS and data warehousing
- Step 2 Development: It includes three boxes from above figure i.e. Programming, Libraries, Frameworks and visualisation
- Step 3 Visualisation: It includes two boxes from above figure i.e. Virtualisation and OS
- Step 4 Deployment: It includes 2 boxes from above figure i.e. Deployment and PLM like devops, Agile, CI-CD etc.



DATA SCIENCE ECOSYSTEM

Describe Organisation's techno-

functional capabilities

Data Planning

For building the training data for chatbot I need to have a planned approach towards data where I need to gather a large data which had multiple client-user interactions with IT Support team.

Data Warehousing

May IT support team is spread across the globe and need to assemble and organise data across countries into a singular dataset.

Al Product Lifecycle Management

Since it an in-house data generation scheme, I would require a very versatile team with a capability to design, develop, test and deploy the product.

Data Base Management

For maintaining the training data for chatbot I need to have a centralised DB servers to store a large data which had multiple client-user interactions with IT Support team.

Al Model development

Since it an in-house data generation scheme, I would require a very versatile team with a capability to design, develop, test and deploy the product.

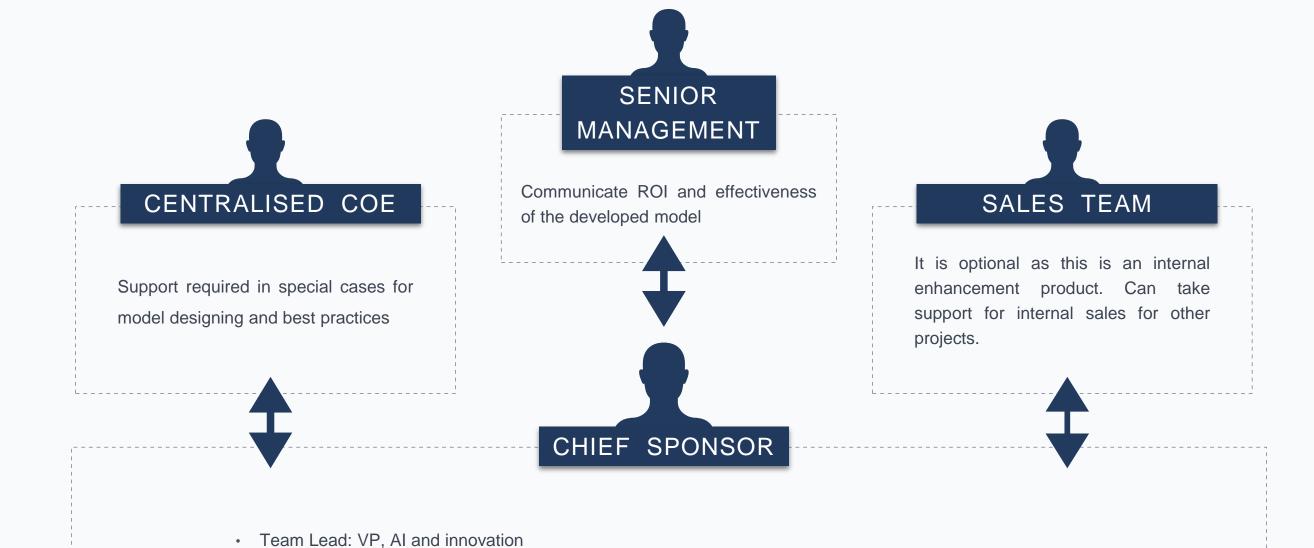
Virtualisation

Large text processing and model learning would require high performance virtual machines.



SETUP AI TEAMS | DRIVE AI DRIVEN CULTURE





DATA SCIENCE
TEAMS





Years of experience: 20

Responsibilities: Conceptualise and delivery

- 1 Sr. Business analyst from global
 IT support team
- 1 Jr. Business Analyst from local T support team
- Their responsibilities will be provide all functional support

DATA SCIENCE SME

Sr. Data Scientist with 10+ years
 of experience who is well versed
 with all phases of data science i.e.
 right from data curation till model
 deployment

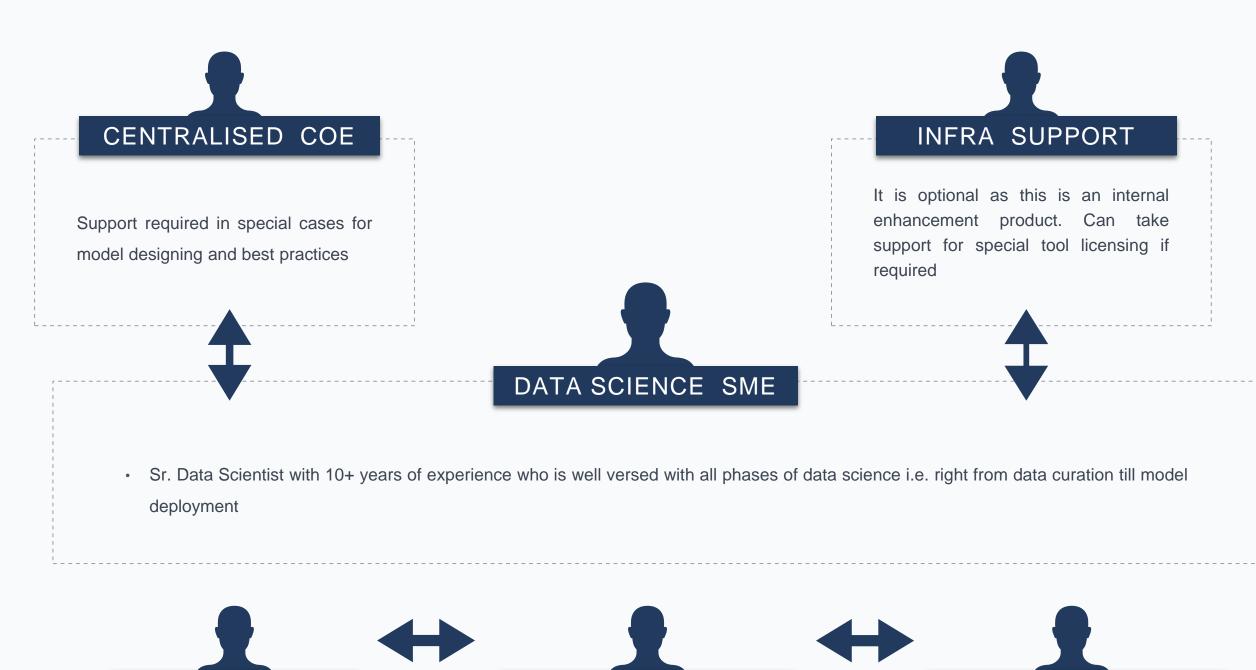
IT/DEPLOYMENT SME

- 1 Sr. packaging and deployment expert who can deploy the model onto production environment.
- 1 Jr. Virtualisation expert to enable virtualisation deployment and support





DATA SCIENCE TEAMS





- 1 Data architect
- 1 RDBMS expert
- 2 Non RDBMS expert
- 1 Data warehousing expert

- 2 Programming expert
- 1 Sr. data scientist
- 2 Jr. data scientists
- 1 Sr. data analysts
- 2 Jr. data analysts

MODEL TEST SME

- 1 Sr. data scientist
- 2 Sr. data analysts







5 EXECUTION & OPERATIONS

product lifecycle End to end management structure and procedure

- Step 1: Initiate the project
- Step 2: Project plan, scope and timelines
- Step 3: User stories
- Step 4: POC
- Step 5: Data generation, gathering and validation
- Step 6: Model development
- Step 7: Model testing
- Step 8: Model packaging and deployment
- Step 9: Model performance management
- Step 10: Continuous improvement and monitoring



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