Project Planning Phase-3

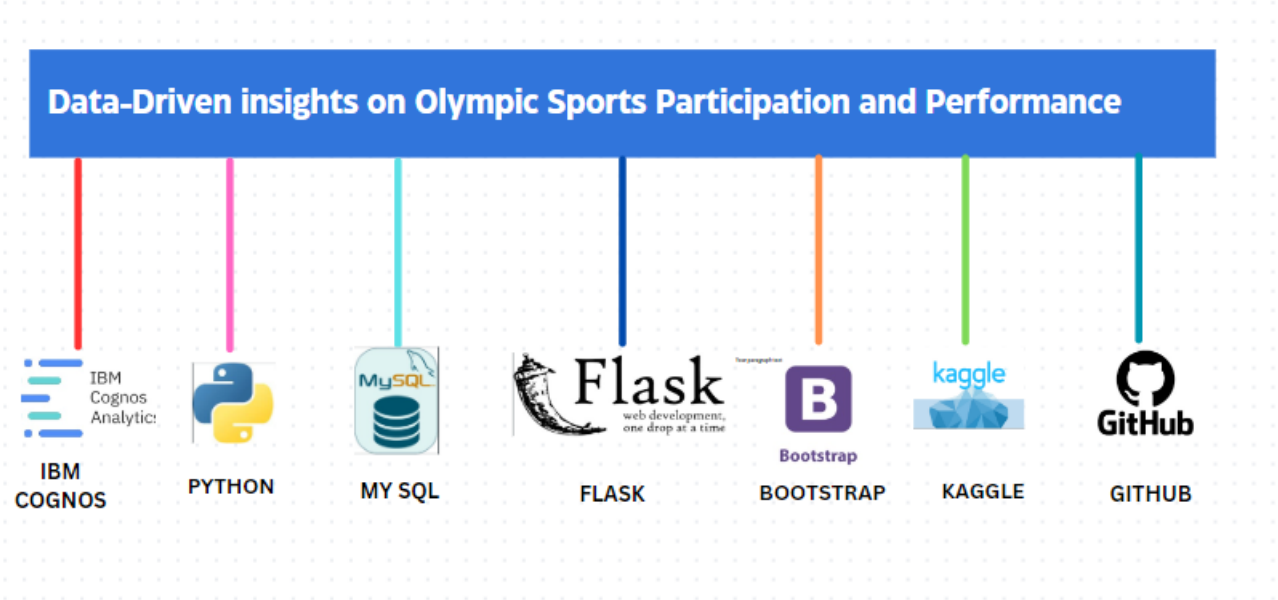
Technology Stack

Date	27 Oct. 2023
Team ID	Team-591161
Project Name	Data-driven insights on Olympic sports for participation and performance
Maximum Marks	4 Marks

Table-1: Components & Technologies:

S. No	Component	Description	Technology
1.	Dataset from Kaggle	Data source for analysis	Kaggle dataset or other data sources
2.	MySQL Database	Data storage, cleaning, preprocessing	MySQL database management
3.	MySQL Connection with Cognos	Connect MySQL with Cognos for data extraction	IBM Cognos Desktop forMySQL connection
4.	Data Analysis and Visualization (Cognos)	Analyse data, create visualizations, dashboards	IBM Cognos Desktop for dataanalysis and visualization
5.	Publishing with Cognos Public	Publish dashboards and stories	Cognos Public for sharing
6.	User Interface with Bootstrap	Create a user-friendly webinterface	Bootstrap framework forweb development
7.	Integration with Flask	Develop a web applicationfor hosting visuals	Flask for web applicationdevelopment
8.	Website Integration	Embed Cognos visuals into the website	HTML, CSS, and JavaScript for web development
9.	Version Control and Deployment (Git/GitHub)	Manage version control and deployment	Git for version control, GitHub for hosting
10.	Deployment and Hosting	Deploy and host the web application	GitHub Pages and Hostinger web hosting services

Technology Stack:



What we did in brief:

1. Dataset from Kaggle
2. Use MySQL to add, remove, update and alter the dataset (pre-processing using MySQL)
3. MySQL Connection with Cognos
4. Analyse data, create Visuals.
5. Dashboards and Stories
6. Publish using Cognos public.
7. Using a bootstrap template created user interface
8. Added these dashboards and visuals
9. By using flask, integrated the website.
10. Deploy in GitHub, Accessing live link

Wanna see my work :

https://www.canva.com/design/DAFzGYV0Wvs/ZR9altUZH7Ors75vTc2Ryw/edit?utm_content=DAFzGYV0Wvs&utm_campaign=designshare&utm_medium=link2&utm_source=sharebutton