Team -06: DATA ENCODERS

Version-01

Dataset from the Website

https://m.cricbuzz.com/

Excel Sheet

(For importing the data)

)

Unstructured

daa

Python for further conversions in the dataset to visualize

Power BI for visualization

Structured data

SQL or Excel (yet to be decided)

**Work Division:**

1. Implementation of Python : Raghunandan
2. Data prep : Deepthi and Nikitha Kethireddy
3. Visualization : Jeevan , Dheeraj

Version-02

Using a package called (pycricbuzz) for generating the live data

A new file with data is generated in the form of JSON file.

We are using python to append the data to the generated file every time the data is updated in the website

Whenever we update the file in power BI, the graphs/bars etc will be updated dynamically.

We use that generated file in Power BI and we have an option to update that file by setting time

1. Implementation of Python : Raghunandan
2. Data prep : Deepthi and Nikitha Kethireddy
3. Visualization : Jeevan , Dheeraj

Version-03

Using a package called (pycricbuzz) for generating the live data

We are using python to get the data onto the local system every time the data is updated in the website.

Data is appended to MongoDB as we get live score from the package.

Reports in Power BI will be refreshed as we update the data in MongoDB

We connect to MongoDB to fetch the data and will use Power BI to generate the graphs

1. Implementation of Python: Raghunandan
2. Data prep: Deepthi and Nikitha Kethireddy
3. Visualization: Jeevan
4. Commentary Sentiment Analysis: Dheeraj

Version-04

Using a package called (pycricbuzz) for generating the live data

We are using python to get the data onto the local system every time the data is updated in the website.

Data will be in format of JSON and this will be sent to KAFKA

JSON

Fetch from KAFKA

Reports in Power BI will be refreshed as we update the data in KAFKA

We connect to KAFKA to Power BI

Reporting

1. Implementation of Python: Raghunandan
2. Data prep: Deepthi and Nikitha Kethireddy
3. Visualization: Jeevan
4. Commentary Sentiment Analysis: Dheeraj