**BDAD**

**Project Description & Flow**

**TEAM H:**

Akshay Saxena (BDA 01)

Divij Bhutani (BDA 02)

Chandan Kamal (BDA 03)

**Project Description:** Our main aim is to provide a complete solution for understanding customer feedbacks through twitter data and knowledge graph to decide various strategies and changes a brand/company/organization can make to their product/service for better customer satisfaction.

**Platform:**

Jupyter Notebook

**For Tweet Extraction:**

Python

Twint

PySpark

**For Knowledge Graphs:**

Neo4j

**Project Flow:**

Data Pre-processing which include data cleaning, removing irrelevant columns and filtering data according to need

Installing various Libraries including Spark for Big data and Twint for twitter

Extracting insights from the knowledge graph

Firing Queries to plot knowledge graph

Designing and Preparation of graph database

Scrapping Twitter data using Spark and Twint