



KABIL V

JUNIOR DATA ANALYST

My Contact

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Education

B.COM Professional Accounting | SNMV
College of Arts and Science| 2023 |
CGPA - 7.5

Certification Courses

- Data Science with Python | Edureka Learning Centre | [Link](#)**
- Data Science | Cisco Certified Coarse | [Link](#)**
- Completed a certified course in "OFFICE AUTOMATION" with FIRST CLASS conducted by SNMV CAS
- Artificial Intelligence| Cognizant certified course | [Link](#)**
- Presented a paper in national conference titled "INDIAN ECONOMY ."

Technical Skills

- Data Visualization
- Data Analysis
- Machine Learning
- Tableau
- Python Programming
- SQL Programming
- Deep Learning
- Microsoft Excel

Soft Skills

- Critical Thinking
- Problem Solving
- Great Communicator
- Decision Making Time-
- Management Leadership
- Creativity
- Teamwork & collaboration

Tools

- Jupyter Notebook
- VS Code
- Google Colab
- Github
- MS Office

About Me

A highly motivated and detail-oriented individual with a passion for leveraging data- driven insights to solve complex problems. As a recent graduate , I have developed a strong foundation in statistical analysis, data visualization, and programming languages such as Python and SQL.

Projects

SENTIMENT ANALYSIS | [Link](#)

- Gathered a diverse dataset of customer reviews from flipkart product customer review.
- Successfully done preprocessing text by removing **Punctuation, stopwords** and **regular expression**.
- Generate sentiment score using **Sentiment intensity analyser** and separates the reviews as positive , negative and neutral.
- Visualizing weighted vocabulary words using **WordCloud** .
- Feature selection and splitting dataset into 70% for training and 30% testing and extract feature using **Term frequency and Inverse document frequency** vectorize
- Training the model using machine learning algorithms like **Multinomial NB** , **Logistic regression**, and **support vector machine** and attain an accuracy score of 99 % in these algorithms.
- Successfully trained the model and finally collecting input from the user and model deploys the result as positive , negative or neutral comment.

Tools used : Python, NLTK, Machine Learning.

MOVIE RECCOMENDATION SYSTEM | [Link](#)

- Gathered a comprehensive dataset of movies including genre , cast , director and user ratings.
- Successfully done preprocessing techniques like **dropping duplicates and dropping null values** .
- Visualizing the most common and weighted vocabulary using **WordCloud**.
- Visualized Highest Rated Movies using **Seaborn Barchart**.
- Creating popularity based recommender system by genre, min reviews and number of recommendations.
- Creating Content based recommender using **Count Vectorizer and Cosine Similarity**.
- Creating Collaborative based recommender using **Cosine Similarity**.

Tools used : Python and Machine Learning.

ROAD ACCIDENT DASHBOARD USING TABLEAU | [Link](#)

- The dashboard aims to identify patterns, trends, and hotspots in road accidents, helping stakeholders make data-driven decisions to improve road safety.
- Creating KPI's and sparkline for **Total Accidents, Total casualties** , Fatal casualties, **Serious casualties** and Slight casualties.
- Calculating field for Fatal , Severe , and Slight casualties.
- Creating KPI's for accidents occur by Vehicle type like Bus, Van, Motor cycle, Agricultural vehicle and car.
- Creating **Donut chart** for accidents occurs in certain weather conditions and road surface .
- Visualizing accidents happens due to Road type using **Horizontal bar chart** .
- Visualizing **map type** chart for accidents occurs in the particular area .
- By visualizing road accident data in an accessible and interactive way, this Tableau dashboard aims to:
- Identify accident hotspots and inform **targeted safety** interventions.
- Highlight trends and **risk factors** that can guide traffic management strategies.
- Support data-driven decision-making to reduce road accidents and improve safety.
- Integration with real-time data for **live accident monitoring**.

Tools used : Tableau , Excel