Vikas Chauhan

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Education

Guru Jambheshwar University of Science & Technology, Hisar Oct. 2020 - Jul. 2022
M.Sc. in Mathematics ***CGPA: 7.67/10***

Guru Jambheshwar University of Science & Technology, Hisar Jul. 2017 - Oct. 2020
B.Sc. in Mathematics ***CGPA: 7.21/10***

Certifications

Microsoft Certified: Azure Data Scientist Associate Feb. 2023 - Feb. 2025

Microsoft Certified: Azure Data Fundamentals Dec. 2022

AWS Certified: Cloud Practitioner Nov. 2022 - Nov. 2025

Microsoft Certified: Azure Administrator Associate Oct. 2022 - Oct. 2024

Microsoft Certified: Azure Fundamentals Aug. 2022

Experience

Newbieron Technologies Sept. 2023 - Oct. 2023
Data Scientist Intern

Projects

Diabetes Prediction

Detecting diabetic and non-diabetic using random forest classifier algorithm *Classification, Python, Git, Flask, AWS*

- Trained and test multiple algorithms and achieved the precision and recall score of 0.98.
- Created Flask Web App.
- Deployed on AWS EC2 Instance.

Bengaluru House Price Prediction

Predicting house price using linear regression algorithm *Regression, Python, Power BI, Git*

- Trained and test multiple algorithms and achieved the accuracy score of 0.84.
- Created dashboard using Power BI.

Cat Dog Classification

Classifies images as either Cat or Dog *CNN, Python, Git, Flask*

- Created and trained multiple models; achieved the precision and recall score of 0.98 and 0.97 respectively.
- Created Flask Web App.

Brain Tumors Classification

Classifies images as brain tumor type *CNN, Python, Git, Flask*

- Created and trained multiple models; achieved the accuracy score of 0.93.
- Created Flask Web App.

Fake News Classification

Predicting whether news article is fake or real *NLP, Python, Git, Flask*

- Trained and test multiple algorithms and achieved the precision and recall score of 0.93 and 0.92 respectively.
- Created Flask Web App.

Stock Sentiment Analysis

Predicting whether stock price increase or decrease based on top 25 news headlines *NLP, Python, Git*

- Trained using Random Forest Classifier and achieved the precision and recall score of 0.96 and 0.97 respectively.

Top 10000 Popular Movie Analysis

Extracting insights from data and visualization *Python, Git*

- Distribution based on Language, Genre, Production Company.
- Popularity over time, Financial trends, genre and language analysis over time.

Skills

Languages:

Python, SQL

Libraries:

NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, Tensorflow, Keras, nltk

Technologies & Tools:

Flask, Power BI, Tableau, Git, Linux, Docker, MLflow, DVC