

VIKAS CHAUHAN

OBJECTIVE

To obtain a position as a Data Scientist in a collaborative environment utilizing my creativity and technical skills. The position must demand a high degree of self-motivation and the ability to drive data-centric solutions for complex business problems. I most enjoy solving problems that require my data modelling, analytics, and solution architecture expertise.

CONTACT

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GITHUB:
<https://github.com/vikaschauhan734>

YOUTUBE:
<https://www.youtube.com/channel/UCkPRBbMGLJfJfJ0KxRxMP6xQ>

INTEREST

Machine Learning
Data Science
Artificial Intelligence
Statistics
Data Extraction
Data Manipulation

EDUCATION

Guru Jambheshwar University of Science & Technology, Hisar
2020 - 2022
Master of Science in Mathematics

Guru Jambheshwar University of Science & Technology, Hisar
2017 - 2020
Bachelor of Science in Mathematics

INTERNSHIP

Data Scientist Intern (09/2023-10/2023)

Newbieron Technologies, Kolkata

- Worked on Social media Ad Classification ML Project with 0.98 precision and 0.97 recall score
- Deployed model by creating Flask Web Application on AWS EC2 Instance

CERTIFICATION

Microsoft Certified: Azure Fundamentals (2022)

https://www.credly.com/badges/7a66da26-3f90-4412-bb75-72743553bd56/public_url

Microsoft Certified: Azure Administrator Associate (2022-2024)

https://www.credly.com/badges/2aebb645-98b2-4112-8d89-85558af3525d/public_url

Microsoft Certified: Azure Data Fundamentals (2022)

https://www.credly.com/badges/132668bc-8686-4c7e-a88b-88706072841d/public_url

Microsoft Certified: Azure Data Scientist Associate (2023-2025)

https://www.credly.com/badges/03b3dfa1-53fd-4177-97dc-965299c984c3/public_url

AWS Certified Cloud Practitioner (2022-2025)

https://www.credly.com/badges/ec7489ee-eab1-4a25-a1a0-ce3954c21e81/public_url

SKILLS

- Python3, Numpy, Pandas, Matplotlib, Seaborn, Scikit-learn, Tensorflow, Keras, NLP, nltk, SpaCy, Beautiful Soup
- SQL, Excel
- Power BI, Tableau
- Matlab, C
- Git, Linux, Terraform
- Probability, Statistics
- Flask

PROJECTS

1. Diabetes Prediction (06/2023)

- Performed Data Cleaning, EDA, Visualization and predicted best classification model for the problem and done PCA for dimension reduction; got precision and recall score of 0.98
- Created the Flask Web Application and deployed it on AWS EC2 Instance
- Github link: https://github.com/vikaschauhan734/diabetes_prediction

2. Stock Sentiment Analysis (08/2023)

- Predicted whether stock price increased or decreased based on top 25 news headlines using NLP.
- Github link: https://github.com/vikaschauhan734/stock_sentiment_analysis

3. Social Media Ad Classification (09/2023)

- Performed Data Cleaning, EDA, Visualization and trained using SVM model; got precision and recall score of 0.98 and 0.97 respectively.
- Created the Flask Web Application and deployed it on AWS EC2 Instance
- Github link: https://github.com/vikaschauhan734/socialmedia_ad_classification

4. Stores Sales Prediction (09/2023)

- Performed Data Cleaning, EDA, Visualization, trained using Gradient Boosting Regressor Model, hyperparameter tuning; got accuracy score of 0.61
- Created the Flask Web Application and deployed it on AWS EC2 Instance
- Github link: https://github.com/vikaschauhan734/stores_sales_prediction
- Live Stream link: <https://youtube.com/playlist?list=PLEuHu23WcEZ5WJnmb4983XmfrvhfxwxOV&si=3T3zWCsKluZLqI9R>

5. Campus Recruitment Prediction (09/2023)

- Performed Data Cleaning, EDA, and Visualization and predicted best regression model for the problem; got accuracy score of 0.72
- Created the Flask Web Application and deployed it on AWS EC2 Instance
- Github link: https://github.com/vikaschauhan734/campus_recruitment_prediction
- Live Stream link: <https://youtube.com/playlist?list=PLEuHu23WcEZ5vuMzarjHMK4TLAYyVxLsQ&si=uWAjxHr6iWg8rRr->

6. Bengaluru House Price Prediction (05/2023)

- Cleaned dataset and selected best fitted regression model for House price prediction
- Github link: https://github.com/vikaschauhan734/house_price_prediction

7. Top 10000 Popular Movie Analysis (05/2023)

- Performed Data Cleaning, EDA, and Visualization
- Github link: https://github.com/vikaschauhan734/top_10000_popular_movies_analysis

8. 120 Dogs Breed Image Classification (06/2023)

- Saved all images and resized them, and trained CNN model
- Kaggle Notebook link: <https://www.kaggle.com/code/vikaschauhan734/breed-classification>

9. Data Cleaning and Dashboard Creation in Excel (03/2023)

- Github link: https://github.com/vikaschauhan734/data_cleaning_and_dashboard_creation_in_excel

10. Data Visualization Using Power BI (03/2023)

- Data Visualization on Data Professionals Survey Dataset using Power BI
- Github link: https://github.com/vikaschauhan734/power_bi_data_professionals_survey

11. Data Visualization Using Tableau (04/2023)

- One Dashboard and Two-story creation on Sleep Efficiency Dataset using Tableau
- Github link: https://github.com/vikaschauhan734/sleep_efficiency_tableau

12. Amazon Web Scraping (04/2023)

- Scraped Product Name, Price, Rating, and save details in csv file and append new details daily
- Github link: https://github.com/vikaschauhan734/amazon_web_scraping

13. Build Terraform Scripts of Azure Resources (09/2022)

- Deployed Azure Resources like VMs, App Services, Azure Firewall, Blob Storage, Container Instances etc.
- Github link: <https://github.com/vikaschauhan734/az-104>