

Vikas Chauhan

Jind, Haryana 126102

<https://vikaschauhan734.github.io/portfolio/>

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EDUCATION

MSc. (Math) — Guru Jambheshwar
University of Science & Technology, Hisar

Oct. 2020 - July 2022

BSc. (Math Hons.) — Guru Jambheshwar
University of Science & Technology, Hisar

July 2017 - Oct. 2020

CERTIFICATION

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

SKILLS

Programming: Python, SQL

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

Visualization: Power BI, Tableau

PROJECTS

Name: Diabetes Prediction

Description: Detecting diabetic and non-diabetic
using random forest classifier algorithm; Trained and
test multiple algorithms and achieved the **precision
and recall score of 0.98**; created Flask Web App;
deployed on AWS EC2 Instance

Tech Stack: Classification, Python, Flask, AWS

Name: Bengaluru House Price Prediction

Description: Predicting house price using linear
regression algorithm; Trained and test multiple
algorithms and achieved the **accuracy score of 0.84**;
creating dashboard using Power BI

Tech Stack: Regression, Python, Power BI

Name: Cat Dog Classification

Description: Predicting cat or dog image using deep
learning model; achieved the **precision and recall
score of 0.98 and 0.97** respectively; created Flask
Web App

Tech Stack: CNN, Python, Flask

Name: Fake News Classification

Description: Predicting whether news article is fake
or real using NLP; Trained and test multiple
algorithms and achieved the **precision and recall
score of 0.93 and 0.92** respectively; created Flask
Web App

Tech Stack: NLP, Python

Name: Stock Sentiment Analysis

Description: Predicting whether stock price increase
or decrease based on top 25 news headlines using
NLP

Tech Stack: NLP, Python

Name: Top 10000 Popular Movie Analysis

Description: Extracting insights from data and
visualizing using matplotlib and seaborn

Tech Stack: Python

Tools: Git, Linux, Excel, MySQL

Web Framework: Flask

Tech: Data Science, Data Analysis, Machine Learning, Deep Learning, Data Wrangling, Data Visualization, Regression, Classification, NLP, Statistics

Name: Sleep Efficiency Data Analysis

Description: Creating dashboard and story using tableau

Tech Stack: Tableau

Name: Data Professionals Survey Data Analysis

Description: Visualizing data professionals survey data using power bi

Tech Stack: Power BI