

Vikas Chauhan

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EDUCATION

Guru Jambheshwar University of Science & Technology, Hisar M.Sc. in Mathematics	Oct. 2020 - Jul. 2022 CGPA: 7.67/10
Guru Jambheshwar University of Science & Technology, Hisar B.Sc. in Mathematics	Jul. 2017 - Oct. 2020 CGPA: 7.21/10

CERTIFICATIONS

Microsoft Certified: Azure Data Scientist Associate	Feb. 2023
Microsoft Certified: Azure Data Fundamentals	Dec. 2022
AWS Certified: Cloud Practitioner	Nov. 2022
Microsoft Certified: Azure Administrator Associate	Oct. 2022
Microsoft Certified: Azure Fundamentals	Aug. 2022

EXPERIENCE

Acadecraft Inc. Research Associate	Jan. 2024 - Present
Newbieron Technologies Data Scientist Intern	Sept. 2023 - Oct. 2023

SKILLS

Languages:

Python, SQL

Libraries:

NumPy, Pandas, Matplotlib, Scikit-learn, Tensorflow, Keras, nltk, OpenCV, PyTorch, LangChain, Huggingface

Tools:

Excel, Power BI, Tableau

Technologies:

Git, Linux, Docker, MLOps, MLflow, DVC, GitHub Actions, Generative AI

PROJECTS

Vehicle Number Plate Recognition System <i>Identifies vehicles and logs their entry into database</i> <ul style="list-style-type: none">Developed a database system using MySQL and BigQuery for data storage.Trained a YOLOv10 object detection model and integrated EasyOCR for license plate text extraction.Built a Flask web app to log vehicle entry times in a database.	<i>Object Detection, OCR, Python, MySQL, BigQuery, DVC</i>
Bank Marketing Campaign Machine Learning Project <i>Predicting the client will subscribe a term deposit or not</i> <ul style="list-style-type: none">Performed EDA, data cleaning, and modular coding for efficient data processing and model training.Built a Flask web app, dockerized the project, and deployed it on an AWS EC2 instance.Implemented a CI/CD pipeline using GitHub Actions for automated updates and maintenance.	<i>Classification, Python, Flask, Docker, AWS, GitHub Actions</i>
Analysis of UEFA Competitions Using SQL <ul style="list-style-type: none">Analyzed UEFA competitions using advanced SQL techniques to uncover insights on team performance, player statistics, and attendance trends.Explored datasets, execute SQL queries to answer specific questions, and summarize findings through structured reports.Included team and stadium statistics, goals and player performance analysis, match attendance insights, and seasonal trends.	<i>PostgreSQL, Data Analysis</i>

FIFA Dataset Visualization Using Tableau

Tableau, Data Analysis

- Analyzed FIFA 19 data to visualize player and team performance using Tableau.
- Built interactive dashboards with charts, filters, and calculated fields.
- Visualized top clubs, top players, positional analysis, and goalkeeper rankings.

AquaFizz Beverage Startup Excel Project

Excel, Data Analysis

- Ensured employee compliance, optimize productivity, and analyze sales data for better business insights at AquaFizz.
- Used Excel to track working hours, identify discrepancies, and analyze customer and sales trends with visual dashboards.
- Compliance checks, top customers and cities by sales, beverage profit analysis, and an interactive Excel dashboard.