Hirdesh Kumar Yadav

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SKILLS

- **Languages**: Python, Python, R, Java, JavaScript
- **Frameworks**: HTML and CSS
- **Tools/Platforms:** VS Code, GitHub, VM Ware
- **Data Management:** MySQL, SQL, Big Data, Excel, DBMS, Tableau, Power BI
- **Soft Skills**: Problem-Solving Skills, Team Player, Project Management, Adaptability

TRAINING

Board Infinity | Bangalore, IN   June 2023 – July 2023
About: Data Analysis

- **Analyzed 500,000+ ride records** from the **Uber Data Set**, identifying **key trends** in **rip duration, peak hours, and demand fluctuations**, leading to **10% more accurate forecasting models**.
- **Extracted insights** on **customer behavior and pricing strategies**, helping optimize ride allocation and improve **operational efficiency by 15%**.
- **Completed a one-month training** on **Uber data analysis** using **R**, achieving **95% accuracy in trend identification** and **data-driven decision-making.**
- Tech: Data Visualization and Analysis | Tool Used: R Programming | Dataset: Dataset from Kaggle

PROJECTS

Prediction of Gender and Personality Based on Problem-Solving Skills: Oct 2024- Jan 2025

- Developed a predictive model using R to analysed problem-solving tasks and Seven personality traits.
- Collected and processed data using Google Forms, followed by data preprocessing and feature engineering.
- Applied machine learning algorithms to classify gender and personality traits, improving accuracy through model tuning.
- **Tech: Data Visualization and Analysis | Tool Used: Tableau | Dataset: Real-Time Data**

Pre-Owned Car Valuation: Feb 2024

- Developed an Old Car Price Prediction application using Python's "Sklearn" package and the Decision Classifier Algorithm.
- The application allows users to estimate the price of old cars based on specific features and historical data.
- **Tech: Console-Based Application | Tool Used: VS Code | Language Used: Python**

Dynamic Dashboard in Tableau: Analyzing Netflix Dataset: Mar 2023

- Developed data visualizations, including bar charts, line graphs, and heat maps to effectively present key metrics and trends.
- Implemented user-friendly features such as filters, drilldowns, and drop-downs to enhance data exploration and decision-making capabilities.
- **Tech: Data Visualization and Analysis | Tool Used: Tableau | Dataset: Kaggle**

ACHIEVEMENTS

- Participated in a Summer CDP (Community Development Project) Focusing on local infrastructure improvement.   June 2022 – July 2022

CERTIFICATIONS

- Supervised Machine Learning: Regression and Classification   Nov 2024
- Career Essentials in Data Analysis by Microsoft and LinkedIn   July 2024
- Data Visualization with Tableau   Mar 2024
- Excel Skills for Data Analytics and Visualization   Nov 2023
- IBM Cloud Essentials   Nov 2023
- The Bits and Bytes of Computer Networking   June 2022

EDUCATION

- **Lovely Professional University**   Punjab, India
  Bachelor of Technology in Computer Science and Engineering; **CGPA: 7.0**   *August 2021 – Present*

- *Lovely Professional* **University**   Punjab, India
  Diploma in Computer Science and Engineering; **CGPA: 7.75**   *August 2018 - June 2021*