

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 analyze 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:

Nov 2023- 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-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.

June2023 – July 2022

CERTIFICATIONS

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

EDUCATION

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|---|--|
| • Lovely Professional University
<i>Bachelor of Technology in Computer Science and Engineering; CGPA: 7.0</i> | Punjab, India
August 2021 – Present |
| • Lovely Professional University
<i>Diploma in Computer Science and Engineering; CGPA: 7.75</i> | Punjab, India
August 2018 - June 2021 |