

# Hirdesh Kumar Yadav

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## SKILLS

- **Data Tools & Analytics:** Excel, MySQL, DBMS, Tableau, Power BI, Big Data
- **Platforms & Tools:** GitHub, Git Bash, VS Code, VMware
- **Programming & Scripting:** Python, SQL, Hadoop, Spark, R
- **Web Technologies:** HTML and CSS
- **Operating Systems:** Windows, Linux (Ubuntu)
- **Soft Skills:** Problem-Solving, Teamwork, Project Management, Adaptability

## TRAINING

- **Board Infinity | Bangalore, IN** June 2022 – July 2022
  - Completed a one-month internship focused on data analysis of the **Uber Dataset** using **R programming**.
  - Gained hands-on experience in cleaning, analyzing and visualizing real-world data.
  - Derived key insight into operational dynamics and market behaviour based on trip trends and user patterns.
  - **Tech stacks:** R, Uber Dataset (Kaggle)

## PROJECTS

- **Inventory Management System (Excel-based)** Aug 2025
  - Designed an **Excel-driven system** to manage Customers, Products, Vendors, Purchases, Sales, and Inventory, ensuring streamlined data entry and record-keeping.
  - Built **Pivot Tables, Pivot Charts, and VLOOKUP formulas** to automate KPIs such as Total Customers, Products, Stock Value, Purchase & Sales Amounts, and Profit/Loss.
  - Created an interactive dashboard with **Top 5 Customers, Top 5 Products, Stock Availability, and Low-stock alerts**, enabling real-time business insights.
  - Enhanced efficiency by applying data modelling, lookup functions, and automated reporting techniques in Excel, reducing manual effort and improving inventory and financial tracking accuracy.
  - Tools:** Excel (Pivot Tables, Pivot Charts, Data Modeling, Dashboard Design)
- **PersonaSense: Decoding Traits Through Face & Voice** Jan - May 2025
  - Designed and developed a real-time personality prediction system using facial expressions and vocal Cues.
  - Integrating **CNN** for facial emotion recognition and **SVM** for voice-based emotion analysis.
  - Mapped emotional states to **Big Five personality traits** using a multimodal AI pipeline.
  - Build an interactive AI-powered web application for emotion and personality assessment
  - Tech Stack:** Python, Flask, TensorFlow, OpenCV, Librosa, SVM
  - Tools:** VS Code | Web-based AI Application
- **Dynamic Dashboard in Tableau: Analyzing Netflix Dataset:** Mar 2023
  - Created interactive dashboard with bar charts, line graphs and heat maps to visualize content trends.
  - Implemented filters, drilldowns, and drop-downs for enhanced user interaction and analysis.
  - Tech Stack:** Data Visualization and Analysis
  - Tools:** Tableau | Dataset Source: Kaggle

## CERTIFICATES

- Excel Skills for Data Analytics and Visualization | [Certified by Coursera](#)
- Data Visualization with Tableau | [Certified by Coursera](#)
- Career Essentials in Data Analysis by [Microsoft and LinkedIn](#)
- Introduction to Data Analytics | [Certified by Coursera](#)
- Cloud Computing Essentials | [Certified by IBM](#)

## ACHIEVEMENTS

- Participated in a summer CDP (**Community Development Project**) Focusing on local infrastructure improvements. June-July 2022

## EDUCATION

- **Lovely Professional University** Punjab, India
  - Bachelor of Technology** – Computer Science and Engineering; **CGPA: 7.32** July 2021 – June 2025
  - Diploma** - Computer Science and Engineering; **CGPA: 7.75** July 2018 – June 2021