# Vishwanth Reddy

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## SKILLS

- **Programming Languages**: Python, Java, C language , SQL , HTML , CSS.
- **Frameworks & Tools**: Tableau , Power BI , Excel.
- **Data Science Libraries**: Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, Plotly, Folium
- **Soft Skills**: Problem-Solving Skills, Time Management, Adaptability, Work Effective.

## Summer Training

- Data Science | Board Infinity — May'24 - July'24

Skills Learned – Gained expertise in Excel, SQL, and Python for data analysis.
Project Work – Conducted an IMDb Movie Rating Analysis project.
The IMDb Movie Rating Analysis project provided insights into rating distributions, genre popularity, and factors influencing high-rated movies using data visualization and statistical analysis.

## PROJECTS

- **Hotel Booking Analysis** — Sep '24 - Nov'24
  This project focuses on analyzing hotel booking data to uncover patterns in customer behavior, cancellations, and revenue trends.
  Examined booking trends across different time periods to identify peak and off-peak seasons.
  Compared customer preferences for different hotel types (City vs Resort) and Created charts and graphs using matplotlib and Seaborn to show trends
  Tech: Python, Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn

- **Auto-Capture Selfie by Detecting Smile** — Sep '23 - Nov'23
  The project utilizes the Haar cascade classifier provided by the OpenCV library to detect faces within the captured frames.
  The collected images were pre-processed to ensure uniform lighting conditions and image quality.
  When a smile is detected, a visual indicator signals that the selfie has been captured, ensuring a seamless and enjoyable user experience.
  Tech: Python, OpenCV, Cascade Library.

- **Car Sales Price Analysis :** — Feb '24 – April'24
  Conducted an in-depth exploratory data analysis (EDA) on a dataset of over 550,000 car listings to identify key pricing trends and factors influencing vehicle resale values.
  Cleaned and processed large datasets for analysis and Visualized pricing trends using Matplotlib and Seaborn.
  Analyzed the impact of brand, odometer, and condition on selling price
  Tech: Python, Pandas, NumPy, Matplotlib, Seaborn.

## CERTIFICATES

- Data Science in python and Tableau | Board Infinity — April'24 - June'24
- Programming Fundamentals in Kotlin | Meta — Feb '24 - Apr'24
- The Bits and Bytes of Computer Networking | Google — Sep '24 - Nov'24
- Data Scientist with Big data | Linkedin Learning — Oct '23 - Dec'23

## ACHIEVEMENTS

- **Attained a Hackathon and secured 7th postion** :
  Among 2k participants which was conducted by Coding Blocks
- **Secured 3rd rank in the Chess Competion:**
  Participated and ranked 3rd in chess club organized by Cluster Sports.

## EDUCATION

- **Lovely Professional University** — Punjab, India
  *Bachelor of Technology - Computer Science and Engineering;* ***CGPA: 7.40*** — *Since August 2022*
- **Alwings Educare Academy** — Hyderabad,Telangana
  *Intermediate;* ***Percentage: 97%*** — *2020 - March 2022*
- **Candor Shrini I Sr.Sec School** — Hyderabad, Telangana
  *Matriculation;* ***CBSE Score : 421*** — *2019 - March 2020*