

Professional Summary

Data Analyst with expertise in Python, Power BI, SQL, and Excel. Skilled in Pandas, Matplotlib, and NumPy for data manipulation and visualisation. Experienced in creating interactive dashboards and reports to drive business insights. Passionate about translating data into actionable conclusions for informed decision-making.

Education

BACHELOR OF TECHNOLOGY IN ELECTRONICS AND COMMUNICATIONS ENGINEERING – Chandigarh	
Engineering College – Landran, Mohali, Punjab – 7.9 CGPA	August 2024
INTERMEDIATE (CBSE) – Govt. Model Senior Secondary School – Chandigarh – 79%	August 2020
HIGH SCHOOL – M.R.A Modern Public School – Panchkula, Haryana – 83%	March 2018

Skills

Python – Libraries: Pandas, NumPy, Matplotlib, Random Forest, Gradient Boosting
SQL – Software: MySQL
Excel – Tools: Pivot Table, VLOOKUP, XLOOKUP, VBA
Power BI – Tools: DAX, Power Query, API

Training

- AIML USING PYTHON: TRAINING– HOPING MINDS** – Mohali
- Learned basic Python programming for machine learning applications.
 - Gained hands-on experience with essential libraries like NumPy and Pandas for data manipulation.
 - Created a **Heart Disease Prediction** project using all the knowledge from the course.

Projects and Experience

- FRONTEND ENGINEER** – LAWISE.ai - (November 2024 - Present)
- Working as a **ReactJS Developer**, contributing to the development and enhancement of legal tech web applications with a focus on clean UI and responsive design.
 - Collaborated with cross-functional teams** including backend developers and product designers to implement new features and optimise existing components
 - Gained hands-on experience with modern web development tools** such as React, Tailwind CSS, Git, and RESTful APIs, while improving code quality through regular reviews and debugging
- ELECTRIC VEHICLES POPULATION PREDICTION** – ([GITHUB](#)) – Personal Project
- Analysed EV population trends across U.S. counties using Python, Seaborn, and Matplotlib
 - Cleaned data by converting strings to numbers and removing duplicates and nulls
 - Aggregated EV data by year and computed metrics like **EV to Total Vehicles Ratio**
 - Created correlation heat-maps to identify patterns in EV and non-EV populations
- BIGFOOT SIGHTINGS DASHBOARD** – ([GITHUB](#)) Personal Project
- Created a fully interactive **Power BI** dashboard to analyse and visualise Bigfoot sightings data across multiple dimensions
 - Processed and cleaned raw data using Power Query to ensure accuracy and consistency in the analysis
 - Utilised various visualisation techniques, including clustered graphs, bar charts, combo charts, and line/area charts, to reveal patterns and trends
 - Developed key measures like **% Full Moon Sightings** and **Total Sightings** to provide deeper insights into potential correlations

Certifications

- THE DATA ANALYST COURSE: COMPLETE DATA ANALYST BOOTCAMP** – ([GITHUB](#)) – Udemy (2024)
- JAVA PROGRAMMING CERTIFICATION** – ([GITHUB](#)) – MyCaptain