

BHARATH BABU .R

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PROFESSIONAL SUMMARY

Aspiring **Data Analyst** with **3 years of experience** in SQL, Python, Power BI ,statistical analysis, data visualization,Machine Learning and problem-solving . Skilled in leveraging data to **optimize operations, improve customer experience, and support strategic initiatives in the aviation industry**. Looking for a position to leverage my problem-solving skills and knowledge of analytical tools to **deliver valuable insights** and **assist in strategic decision-making**.

EDUCATION

Year	Degree/Qualification	Institute/Board	Score/CGP A
2021	Bachelor of Engineering	MEPCO SCHLENK ENGINEERING COLLEGE	7.5/10
2017	Intermediate (Class XII)	THE SIVAKASI LIONS MAT Hr SEC SCHOOL	91.2%
2015	Matriculation (Class X)	THE SIVAKASI LIONS MAT Hr SEC SCHOOL	98%

WORK-EXPERIENCE

Tata Consultancy Services
Data Analyst

Chennai , India
May 2022- June 2025

- Analyzed **flight performance data** (on-time arrivals, delays, cancellations) to identify operational inefficiencies, contributing to a **15% reduction in delays**.
- Delivered insights to **optimize business operations** while collaborating with the team for efficient pathways
- **Collected, cleaned, and analyzed large datasets** using tools like SQL, Excel, SQL, and Python (Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn)
- Performed **exploratory data analysis (EDA)** to identify trends and business opportunities.
- **Designed dashboards** to analyze flight wise occupancy, revenue per seat and trends using Power BI.

PROJECTS

Housing Price Prediction | [Link](#)

- Completed a comprehensive Housing Price Prediction project during certification, utilizing **advanced machine learning algorithms** such as **linear regression, decision trees, and random forests** to **predict housing prices** based on factors like location, size, and amenities.
- Conducted **data cleaning, feature engineering, and exploratory data analysis (EDA)** to ensure model accuracy, resulting in **improved predictive performance** and **actionable insights** for real estate decision-making.
- Applied **Principal Component Analysis (PCA)** to reduce dimensionality of large feature sets, improving model training speed by 30% while retaining 95% of data variance.
- Applied Python (pandas, scikit-learn) for data manipulation, model building, and visualization of key trends.

Sales Dashboard(POWER BI)| [Link](#)

- Built an interactive **dashboard** to **track monthly sales, profit margins**, and region-wise performance.
- Implemented **DAX for KPIs like YoY growth** and **customer segmentation**.

CERTIFICATIONS

Advanced Certification in Data Analytics Offered by Intellipaath in collaboration with iHUB DivyaSampark at IIT Roorkee Link	June 2024
Microsoft Power BI Desktop for Business Intelligence-Udemy Link	Sep 2023
Microsoft SQL Certification Training Link	Sep 2024

SKILLS

Computer languages: SQL,Python,DAX,Machine Learning,Data Modelling

Software Packages: Pandas, Matplotlib, seaborn,Excel, Power BI ,statistics, SSIS

Soft Skills: Time management, Decision-making, Creativity, Teamwork, Critical Thinking, Responsibility