

EXPERIENCE:

Data Scientist Consultant | Rubix, Bangalore

Jan 2023 – Sep2023

- **Collaborated** with cross-functional teams to gather and analyse business requirements.
- **Optimized** algorithms, boosting accuracy by **15%**, efficiency by **30%**, and reducing errors by **15%**.
- **Developed and maintained data pipelines** for streamlined data processing and analysis, ensuring efficient handling of large datasets.
- **Implemented** predictive models with machine learning, enhancing insights accuracy by 25% and supporting strategic decisions making.
- **Built** advanced visualizations in Power BI, converting raw data into actionable insights that achieved a **20%** reduction in operational inefficiencies and a **10%** improvement in project timelines.

Assistant Senior Lecturer |JSPMCOE Polytechnic, Pune

Sept 2019 - Dec 2022

- **Coordinated** academic schedules and events, while mentoring students in data analysis with Python, showcasing strong organizational skills and problem solving skills, expertise in data manipulation, statistical analysis, and visualization, which contributed to a **15%** improvement in project success rates.
 - **Analysed** student performance data to optimize academic interventions, boosting retention rates by **20%** and departmental efficiency by **10%**.
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SKILLS:

- **Programming & Databases:** Python, SQL, MySQL, PostgreSQL, SQL Server
 - **Data Analysis & Machine Learning:** Data Cleaning, Data manipulation, Statistical Analysis, Hypothesis Testing, Predictive Analytics, Descriptive Analytics, Classification, Regression, Clustering, Time Series Analysis.
 - **Data Visualization & BI Tools:** Tableau, Power BI, Microsoft Excel (Pivot Tables, Vlookup), Advanced Excel, Matplotlib, Seaborn, Plotly.
 - **Libraries & Frameworks:** NumPy, Pandas, Tensor Flow, PyTorch, Flask, Keras, Beautiful Soup, Selenium.
 - **Relevant Skills:** Effective Communication, storytelling, Power Query, DAX,.
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PROJECTS:

- **Credit Card Risk Management [Python| SQL] [LINK](#)**
Pre-processed data models (Logistic Regression, Random Forest, Gradient Boosting). Evaluated and deployed the best-performing model based on accuracy, precision, and recall. Enhanced credit risk assessment accuracy by **20%**, leading to more informed lending decisions and significantly lowering financial risk.
 - **Coal Price Analysis [Python | Power BI |Microsoft Excel|SQL] [LINK](#)**
For a leading steel manufacturer, I analysed volatile real coal prices by cleaning data, performing EDA, and applying feature scaling. I built an interactive Power BI dashboard to visualize trends and support decision-making, which led to a **10%** profit margin increase and a **20%** revenue boost from coal sales within the first year.
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EDUCATION:

- **M.E (E&TC)** |Pune University | **CGPA=7.70**
 - **B.E (E&TC)** |Pune University| **Aggregate=70.71%**
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CERTIFICATIONS:

- **DataMites - Certified Data scientist**
- **IABAC™ - Certified Data Scientist(Excellent)**