Parth Patil

Data Analyst | Research Analyst | Business Analyst

Contact: +91 9373689852 | Email : patilparth1919@gmail.com
Address: Mumbai, Maharashtra | Github - https://github.com/parthpatil1
Linkedin - https://www.linkedin.com/in/parth-patil-481161262/

Objective

Looking for long-term relationship with an organization, which gives ample opportunities to learn and excel in statistical & analytical areas as well as utilize my potential to the maximum extent. My passion is to understand data and extracting key insights out of it, and I'm always eager to learn more & more about data.

Education

Program	Institution	Completion Year	Percentage
M.Sc. Statistics	Ramniranjan Jhunjhunwala College, Mumbai.	2025	8.56 SGPA
B.Sc. Statistics	D. G. Ruparel College, Mahim Mumbai.	2023	9.06 CGPA
H.S.C	Annasaheb Vartak College , Vasai Road	2020	79.85 %
S.S.C	Rajguru Pandit Vidyalaya , Saphale	2018	91.80 %

Professional Work Experience

Codealpha Data Analyst Intern   **(Apr- July 2024)**

- Responsible for research and analyze data trends to provide insights and support business decisions using Python and Excel
- Created dashboards and reports using tools Power BI to visualize key metrics
- Collaborated with team members to present findings and make data-driven recommendations

Accenture Data Analytics and Visualization Virtual Experience   **(Nov-Dec 2023)**

- Executed data preprocessing, statistical analysis, and predictive modeling to derive actionable insights and enable data-driven strategies using tools like Python and Power BI
- Developed dashboards with data narratives and delivered client presentations with recommendations.

Projects

Credit Card Customer Segmentation and Targeted Marketing

- Developed an unsupervised **K-means clustering** model to segment credit card users based on spending limits, Card usage, and Banking interactions.
- Applied data normalization and **PCA**, delivering actionable insights for targeted marketing to drive premium service adoption.

Insurance Premium Prediction

- Built a **supervised regression model** to predict insurance premiums using age, BMI, number of children and smoking habits.
- Conducted EDA, data preprocessing, and applied **Decision Tree , Random Forest**, SVR through GridSearch CV, achieving the best performance

IT Expenditure Analysis Dashboard

- Designed an interactive **Power BI dashboard** to visualize and analyze IT expenditure trends
- Utilized SQL to ETL data into database and optimized **SQL queries** to improve reporting accuracy
- Implemented advanced filtering, drill-downs, and KPIs, reducing analysis time by 40% and increasing financial oversight into cost allocations and spending patterns

Technical & Statistical Skills

Technical Skills	Python, Power BI , R Studio , Excel
Database	MySQL
Statistics	Regression Analysis, Testing of Hypothesis, Descriptive Statistics
Soft Skills	Problem Solving, Time management, Adaptability , Cross-team Collaboration
Platforms	VS code, Streamlit, Github, MS Powerpoint, Canva

Certifications

- Financial Risk Analytics   (Great Learning)
- Python and SQL   (HackerRank)

Achievements

- 1st Prize got in PPT presentation at college level 2023
- Awarded as State Rank 1 in Maharashtra Geography Talent Exam 2018
- CUET Statistics Entrance Score 2023 - 93