

SANKET PRAVEEN PATIL

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EDUCATION

DePaul University Master's in Data Science	September 2023 - March 2025 GPA: 3.85/4
Savitribai Phule Pune University Bachelor's in Mechanical Engineering	June 2015 - June 2019 CGPA: 7.85/10

SKILLS

- **Data Analysis:** Python, R, Pandas, Scikit-learn, TensorFlow, Regression, Classification, Clustering, Statistics/Probability
- **Database Management:** SQL, NoSQL, MySQL, PostgreSQL, Data Warehouses, Relational Databases
- **Programming and Web Development:** C/C++, HTML, Flask API
- **Advanced Techniques:** Neural Networks, Recommendation Systems, Time Series Forecasting, Text Analysis using NLP
- **Cloud Platforms, Project Management and Tools:** GCP, Big Query, JIRA, Microsoft Excel, Advanced Excel, matlab, quantitative analysis, GitHub, Apache Spark, Google Sheets, Tableau, Power BI
- **Soft Skills:** Problem Solving, Communication, Time Management, Teamwork, Adaptability, Quick Learning, Leadership

PROFESSIONAL EXPERIENCE

Software Engineer FIGmd India Private Limited an MRO Company	March 2023 - August 2023
<ul style="list-style-type: none">• Executed advanced SQL queries for data acquisition and exploration, resulting in a 25% reduction in data errors and improved decision-making processes. Utilized Python (Pandas, Matplotlib) for data aggregation, cleaning and visualization, reducing data loss from 10% to 3%.• Illustrated expertise in BigQuery and Google Cloud Storage for data quality analysis. Created and maintained 10+ weekly reports using Tableau, JIRA and Data Studio, improving data integrity and communication with team.• Managed and coordinated a team of 30 employees as a technical support specialist, resolving issues with data transfer and SQL scripts.• Acknowledged with "Beyond the Call of Duty" award for addressing critical problems and showing exceptional dedication.	
Associate Software Engineer FIGmd India Private Limited an MRO Company	January 2021 - March 2023
<ul style="list-style-type: none">• Mentored and teamed up with ETL operations team to revolutionize data transfer process from client database to company's database. Devised innovative SQL scripts to achieve a remarkable 40% reduction in data extraction time, optimizing overall operational efficiency and contributing to cost-effectiveness.• Demonstrated leadership by instituting fixed checks in 3 crucial tasks—data extraction, processing, and validation—ensuring a streamlined workflow and facilitating efficient issue identification and resolution for team. Navigated databases proficiently using MySQL, Oracle, and PostgreSQL.• Earned "FIGmd Values Award" for rapidly acquiring knowledge and building trust in handling crucial tasks.	

PROJECTS

Fashion Recommender System	December 2023 - December 2023
<ul style="list-style-type: none">• Built a Fashion Recommender System with ResNet50 and KNN, suggesting 5 similar items from user-uploaded images.• Crafted a user-friendly, interactive web interface with Streamlit for exploring personalized fashion recommendations, managing a dataset of 44k images for an enhanced online shopping experience.	
Property Price Prediction	October 2023 - October 2023
<ul style="list-style-type: none">• Developed a robust property price prediction model utilizing Linear Regression; addressed data quality issues and conducted comprehensive Exploratory Data Analysis (EDA) to derive actionable insights, resulting 8% increase in R-Squared value.• Implemented machine learning models (Ridge, Lasso, Elastic Net) with fine-tuned hyperparameters via cross-validation, achieving a notable 92% R-squared for optimal interpretability.	
Time Series Forecasting on Gold Prices	September 2023 - September 2023
<ul style="list-style-type: none">• Employed Python and prominent libraries including NumPy, pandas, seaborn, and statsmodels to construct and apply time series forecasting models for gold price dataset spanning from 1950 to 2020.• Deployed techniques including Exponential Smoothing and Linear Regression to analyze and predict trends in data, resulting in a notable MAPE score of 17.235%.	

CERTIFICATIONS

• Python Programming - Certified by Hacker Rank	January 2024 – January 2024
• SQL (Basic and Intermediate) - Certified by Hacker Rank	January 2024 – January 2024
• Data Analytics and Machine Learning - Imarticus Learning Private Limited	November 2020 – November 2021

KAGGLE COMPETITIONS

Natural Language Processing with Disaster Tweets	December 2023
<ul style="list-style-type: none">• Ranking :Top 47.97%	
House Prices - Advanced Regression Techniques	October 2023
<ul style="list-style-type: none">• Ranking :Top 1.85%	