HRUSHIKESH UPPALAPATI

Bellevue, Washington | hrushikeshu.14@gmail.com | +1 (571) 397-6775 | linkedin.com/in/hrushikesh-uppalapati

EDUCATION

George Washington University **May 2025**
- MS in Data Science, GPA: 4.00/4.00

TECHNICAL SKILLS

Programming Languages: Python, SQL (Joins, Window Functions, CASE, RegEx), R
Data Science & ML: EDA, Statistics, Machine Learning, Predictive Modeling, Hypothesis Testing, Model Evaluation, Pandas, NumPy, scikit-learn, Statsmodels
Data Engineering: PySpark, Apache Airflow, Spark SQL, Data Pipelines, Data Modeling, Data Validation
Databases: MySQL, PostgreSQL, MongoDB
Cloud & DevOps: AWS (S3, Glue, SageMaker, QuickSight), Azure (ML, Data Factory), GCP, Docker, CI/CD, Snowflake
Visualization: Tableau, Power BI, Plotly, Matplotlib, Seaborn
Tools & IDEs: Git, GitHub, Jupyter, VS Code, Google Colab

EXPERIENCE

Data Scientist, ZettaMine Labs Pvt Ltd **May 2024 – Aug 2024**
- Implemented Python/SQL pipelines for patient risk stratification using Random Forest, reaching 88% accuracy and reducing processing time by 30%.
- Integrated 15+ clinical features from vitals, diagnoses, and treatment history to improve patient risk classification accuracy.
- Delivered predictive insights through Power BI and SAP dashboards adopted by 3+ departments, enabling executives to improve workforce planning and capability decisions.
- Integrated results into enterprise reporting systems with validation checks, ensuring 100% compliance and providing reliable access for stakeholders.

Data Scientist, Bizom **Sep 2022 – Jul 2023**
- Developed engagement and retention prediction models in Python with 85% accuracy, automating workflows that eliminated 20+ hours of manual analysis per month and informed company-wide skilling strategies.
- Built SQL/Python jobs to ingest and transform 1M+ cross-channel engagement records, improving targeting precision and increasing campaign CTR by 15% while delivering 5+ interactive dashboards in Tableau.
- Enhanced data quality by implementing 30+ validation checks and containerized workflows, reducing data errors by 25% and enabling scalable enterprise deployment across 3 product lines.
- Partnered with 6+ engineers and analysts to convert complex datasets into 10+ actionable workforce development insights and stakeholder-ready recommendations, driving adoption of data-driven strategies.
- Designed and deployed dashboards accessed by 200+ active users to monitor adoption and retention trends, providing real-time visibility into capability gaps and supporting leadership in closing 12% of identified skilling gaps.

CERTIFICATIONS

Microsoft Certified: Azure Data Scientist Associate
AWS Certified Data Engineer Associate

PROJECT EXPERIENCE

Temperature Forecasting using Time Series & ML | GWU **Jan 2025 – May 2025**
- Evaluated ARIMA, SARIMA, Random Forest, LSTM, and XGBoost on **2.9M daily U.S. temperature records**; XGBoost achieved the lowest RMSE of 3.74 and MAE of 2.85.
- Engineered lag features, rolling averages, and seasonality encodings; improved forecast accuracy with R^2 of 0.94, producing comparative plots and error analysis for stakeholders.
- Created interactive dashboards in Plotly and Tableau to visualize 6-month rolling forecasts, supporting decision-making in agriculture and energy planning.

Starbucks Customer Segmentation and Offer Success Prediction | GWU **Jan 2024 - May 2024**
- Segmented 17,000 Starbucks customers using K-Means clustering, achieving 97% accuracy and uncovering four distinct behavioral groups that informed targeted marketing strategies.
- Built classification models (Logistic Regression, Random Forest, Decision Tree) that reached 94.9% sensitivity and 87.9% specificity, accurately predicting customer likelihood to complete offers.
- Identified reward, duration, and difficulty as key drivers of offer success, shaping data-driven promotion design.