ANIKET PATIL

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EDUCATION

The University of Texas at Austin   May 2023
Master of Science, Business Analytics
GPA: 4.0/4.0
- Coursework Includes: Machine Learning, Optimization, Database Management, Marketing Analytics

Vidyalankar Institute of Technology, Mumbai University   May 2019
Bachelor of Engineering, Computer Engineering
CGPA: 8.42/10.0

RELEVANT EXPERIENCE

TresVista Analytics – *Associate, Data Intelligence Group,* Pune, India   July 2019 - April 2022
- Formulated a demand-forecasting regression model using Linear Regression to predict operational workload at scale, increasing net profits by 10%
- Spearheaded a team of 2 analysts to forecast milk prices using LSTM and milk production using ARIMA modeling, reducing the budget misallocation of the BU by 15%
- Identified customer segments from survey by agglomerative clustering and significance testing to aid market research
- Architected a decision analytics pipeline by leveraging AWS stack (S3, Lambda, Glue, RDS) to ETL financial models for audits and downstream analytics; ensured data-integrity by curating email-alerting system
- Developed a Random Forest model to reduce false positives of high-risk insurance applicants, saving $15M annually
- Pioneered a survey collection and analysis system by leveraging Power Automate and Tableau to understand employee feedback on trainings sessions; visualized novel trends and presented to top management
- Engineered dashboards in Python Dash with MongoDB by collaborating with cross-functional teams for cohort and foot-traffic analyses on card transactions data enabling data-driven investing
- Minimized manual efforts by ~60% through web-scrapers, PDF data extraction and fuzzy-matching algorithms

Efkon – *Intern,* Mumbai, India   June 2017 - July 2017
- Remodeled SQL queries on vehicular tracking data reducing query runtime by 10%

RELEVANT PROJECTS

Topic Modeling –
- Trained a BERT model on reddit data to summarize topics, visualize relationships and run sentiment analysis.

Binary Classification –
- Created a web-page phishing detection model using Random Forest classifier on URL data and external APIs to identify a phishing website, achieving AUC score of 94%.

Multi-class Text Classification –
- Fashioned an NLP neural network model to detect various toxicity in tweets like threats, obscenity, insults, and hate.

CERTIFICATIONS

Microsoft Certified: Data Analyst Associate, Azure Data Fundamentals. IBM Machine Learning Essentials

SKILLS SUMMARY

Languages: Python, R, SQL | **Tools**: Tableau, Power BI, Python Dash, Time-series, LSTM, spaCy NLP, Linear Regression, Random Forests | **Cloud**: AWS, MongoDB

LEADERSHIP

Student Council – *Sponsorship Head,* Mumbai, India   January 2017 - December 2018
- Led a team of 40 to organize college fest, managed negotiations and oversaw communication with sponsors resulting in a record number of newly onboarded sponsors

ADDITIONAL INFORMATION

Work Eligibility: Extended eligibility to work in the U.S.; will require visa sponsorship for long-term employment