MANVITH BELAME YOGESH

Boston, MA | 617-(318)-8506 | belameyogesh.m@northeastern.edu | LinkedIn | Portfolio | GitHub

EDUCATION

Northeastern University, Boston, MA   *Expected Dec 2024*
Master of Science in Data Analytics Engineering,   **3.9 / 4.0 GPA**
Courses: Database Management, Data Visualization, Data Mining, Machine Learning, Statistical Methods.

JSS Science and Technology University, Mysore, India   *Jun 2020*
Bachelor of Engineering
Courses: C Programming, Probability, Computational Mathematics, Statistics, Linear Algebra, Calculus.

PROFESSIONAL EXPERIENCE

Senior Data Analyst, Accenture Solutions, Bangalore, India   *Jun 2022 - Jan 2023*
- Developed web services for analysis and reporting using **AWS CloudWatch** and used **SQL** triggers for automation of business reporting, reducing manual work by **60%.**
- Visualized **25** action-driven **dashboards** on **Splunk** to visualize booking & application health metrics.
- Programmed **automation** of validating bookings using **Python scripts**, reducing manual effort by **80%.**
- Conducted **ad-hoc** analyses using **SQL** queries and reported various trends within 6 different customer-facing apps by aggregating datasets containing over **5 million records** per day.
- Integrated **KPI metrics dashboard** on **Splunk**, integrating data from multiple sources to monitor key performance indicators, resulting in a **40% reduction** in data processing time.

Data Analyst, Accenture Solutions, Bangalore, India   *Nov 2020 - May 2022*
- Crafted a **real-time dashboard** for **6** different apps to monitor peak load performance metrics during the initial 15 mins of ticket booking window, ensuring **zero downtime**.
- Led a team of 5, ensuring smooth launch of booking engine by **coordinating across cross-functional teams**.
- Analysed data from nearly **500k** booking records using **SQL** querying to triage **high priority** requests.
- Deployed change requests on **AWS**, ensuring updates to critical systems within 30 mins of off-park window.

Data Analyst Intern, Nuetech Steels, Bangalore, India   *Jan 2020 - Jun 2020*
- Designed **ETL** processes to efficiently extract and transform sales data from multiple sources, leading to a **25% reduction** in data handling time and improved **data accuracy**.
- Demonstrated key trends to stakeholders with **PowerBI** by extracting sales data, showing **20% spike** in sales.

PROJECTS

NYC Taxi Fare Prediction using Regression, [Machine Learning, Regression]   *Sep 2023 - Dec 2023*
- Performed **EDA** & outlier imputation on dataset with 22k records, yielding a **15% boost** in **model precision**.
- Computed **Linear Regression** and **Random Forest** model achieving an **accuracy of 91%.**

Realtime Data Streaming using Airflow & Spark, [Airflow, Kafka, Spark]   *Sep 2023 - Dec 2023*
- Implemented **real-time data** streaming from **PostgreSQL** to **Kafka**, reducing latency by 25%.
- Orchestrated an end-to-end pipeline with **Airflow**, for scheduling, monitoring, and execution of workflows.
- Executed **Spark** jobs to analyze and transform raw data, achieving a 30% reduction in processing time.

Bike-share Analysis, [SQL, Tableau, Python]   *Jan 2022 - Mar 2022*
- Constructed 12 **SQL** queries to standardize data, remove outliers & missing values, & analysed **key metrics**.
- Curated impactful **Tableau** dashboards & suggested strategies which can improve subscription rate by **60%.**

TECHNICAL SKILLS

Languages: Python, Java, HTML, CSS, JavaScript, Angular, R, C, C++
Developer Tools: Tableau, PowerBI, Google Analytics, MATLAB, Jira, Git, MS Office Suite, AirFlow, Splunk
Cloud Computing: Microsoft Azure, AWS (S3, Aurora, RDS, Redshift, EMR, DynamoDB), Snowflake
Database: MySQL, MS SQL, MongoDB (NoSQL), PostgreSQL, Google BigQuery, Neo4j
Libraries: Pandas, NumPy, TensorFlow, Matplotlib, Seaborn, Folium, ipython-sql, Scikit-learn, SciPy, PySpark