Prajakta Samrat Amate

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EDUCATION

University of Utah, David Eccles School of Business	Salt Lake City, UT
Master of Science in Information Systems	Aug 2023
Savitribai Phule Pune University	Pune, India
Master of Engineering in *Computer Engineering*	Dec 2016
Shivaji University	Kolhapur, India
Bachelor of Engineering in Computer Science & Engineering	May 2014

TECHNICAL SKILLS

Analytical Skills/Languages: Python (Pandas, Matplotlib, Seaborn, Plotly), SQL, Statistical Analysis, R-programming
Databases: MYSQL, PostgreSQL, SQL studio
BI/Reporting Tools: Tableau, Power BI, Grafana, MS Excel (Pivot Tables, LOOKUPs, IFs)
Web development Technologies: HTML, CSS
Version Control: GitHub

EXPERIENCE

Data Analyst University of Utah — Salt Lake City, UT
Skills: Python, SQL, GitHub — Sep 2023 - Present

- Conducting in-depth data analysis using **Python** to extract valuable insights to provide an overview of contributors to the community dataset.
- Effectively communicating findings to cross-functional teams for informed decision-making.
- Developing different interactive visualizations to project clear and dynamic representation of community dataset contributors.

Data Analyst Intern University of Utah — Salt Lake City, UT
Skills: Grafana, PromQL, Plotly — Aug 2022 – Aug 2023

- Conducted interviews with stakeholders to gain understanding of project goals and user needs.
- Collected and Stored data in Prometheus data source. Used PromQL to retrieve data from data source.
- Developed dashboard in **Grafana** to monitor the performance of **100+** network switches, with a goal to reduce network incidents by **50%** by providing real-time visibility into network performance.
- Designed custom visualization with **Plotly** to depict the ON/OFF status of network switches.

Data Analyst ProMech Automation Pvt Ltd — Pune, IN
Skills: Tableau, SQL, Presentation — Jan 2017 – Jan 2019

- Developed and delivered weekly and monthly KPI dashboards in **Tableau** to senior management, resulting in data driven decision making.
- Wrote **SQL** queries to extract and analyze data from database, supporting comprehensive data analysis and reporting.
- Identified data inconsistencies and implemented data quality process, resulting in a 10% reduction in errors.
- Actively participated in bi-weekly team/cross-team meetings, sharing insights and suggestions.

CAPSTONE PROJECTS

L2TreC Data Visualization — Jan 2023 – Aug 2023

- Collected the datasets that contained the bridge language program enrollment information of **60000+** students of **six universities** in Utah. Performed data cleaning using **Excel Power Query**.
- Created University specific interactive dashboards in **Tableau** that gives insights related to the program.

House Price Prediction — Oct 2022 – Nov 2022

- Cleaned and analyzed the dataset to gather valuable insights. Also analyzed the data set to determine the selling price of a house to find the right time to buy a home.
- Used **linear regression** to see the house price prediction using **Python**.