

# PARVA SHAH

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## EDUCATION

**Northeastern University**, Master of Science in Data Architecture and Management Aug 2022 - May 2024  
Relevant Coursework: Data Science with Python, Data Management Design and Modeling, Big Data Architecture and Governance, Big Data Systems and Intelligent Analytic.

**Veermata Jijabai Technological Institute**, Bachelor of Science in Mechanical Engineering Aug 2018 - May 2022  
Relevant Coursework: Object Oriented Programming with C ++, Advanced Probability and Statistics.

## TECHNICAL SKILLS

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|-------------------------------|--|
| <b>Programming Languages:</b> | Python, R, SQL, Git, JavaScript, MATLAB                                    |
| <b>Database Tools:</b>        | MySQL, MongoDB, Hadoop, MS Access  |
| <b>Web Technologies:</b>      | Bootstrap, Node.js, WordPress, HTML, CSS, JS                               |
| <b>Data Analysis Tools:</b>   | MS Excel, Power BI, Tableau, Airflow, FastAPI, Streamlit                   |
| <b>Certifications:</b>        | Machine Learning by Stanford University, Google Data Analytics Certificate |

## WORK EXPERIENCE

**Market Data Analyst Intern** Oct 2021 - Dec 2021  
SAWO Labs *Mumbai, MH*

- Developed Python web scrapping scripts to collect publicly available data to assist with product pricing.
- Analyzed market trends and consumer behavior by processing over 10,000 rows of data using statistical analysis.
- Collaborated with public relations and product teams to launch Node.js integration.

**Operations Data Analyst Intern** Aug 2021 - Oct 2021  
ShopG *Bangalore, KA*

- Leveraged data visualization tools to analyze OLAP data to get insights about monthly consumer trends.
- Projected anticipated levels of customer product purchases for a vast inventory exceeding 5000 listings.
- Confirmed accurate receipt of purchase orders with warehouse team, enhancing productivity by 20%.

## PROJECTS

**Yelp Insights: A Data-Driven Exploration of Business Trends** Aug 2022 - Dec 2022

- Designed, created and inserted data into a clean relational database for publicly available yelp dataset.
- Composed python scripts to extract data from the Yelp Fusion API and web-pages to make dataset more uniform.
- Wrote SQL queries to study businesses trends and calculated key metrics to further understand the market.

**Geo-spatial Data Exploration AWS-based Streamlit Application** Aug 2021 - Oct 2021

- Developed Streamlit app for data exploration of publicly available NOAA's GOES and NEXRAD AWS bucket.
- Implemented data collection, storage and validation using AWS, SQLite, and Great-Expectations.
- Deployed and tested the application using Pytest, hosted it on Streamlit cloud and maintained version control using Git.

**KPMG: Sprocket Central Pvt Ltd Data Analysis** Aug 2021 - Oct 2021

- Performed data quality examination using Python to improve data consistency, uniformity and accuracy.
- Generated data visualizations through Plotly to uncover crucial insights concerning customer categorization and identification of high-value clients.
- Designed a streamlit application that effectively presents these insights in an intuitive and user-friendly manner.