

EDUCATION

Master of Science, Information Technology and Analytics, Rochester Institute Of Technology, GPA: 3.67/4.00 Aug 2021 — May 2024
Bachelor of Engineering, Information Technology, University of Mumbai, GPA: 3.67/4.00 Aug 2017 — May 2021

EXPERIENCE

Rochester Institute of Technology Rochester, NY
Data Analyst Co-op Jan 2024 — Current

- Implemented and led meticulous data cleaning efforts using **Microsoft Excel**, reduced errors by **25%** for a seamless product launch.
- Engineered efficient workflows utilizing **Microsoft Visio and Scribe AI**, boosted productivity by **30%** and ensuring smooth coordination among **20+ in-charges**.
- Elevated operational standards by crafting, implementing, and effectively **storytelling** detailed **SOPs**, resulting in a remarkable **40%** increase in quality adherence.

Rochester Institute of Technology Rochester, NY
Data Analyst Jan 2023 — Jan 2024

- Pioneered automated solutions leveraging **Python and Pandas** for smooth handling of multifaceted data, unlocking **10+ hours** in productivity gains per month across **25 RIT departments**.
- Automated monthly financial reports using **Excel, VBA, and Python**, reducing generation time by **30%** while meeting all key business requirements and enabling enterprise-wide financial analysis.
- Created **PowerBI dashboards** to track **200+ financial KPIs** across departments, assisting decision makers with monthly budget analysis.
- Exclusively managed the end-to-end process of designing, maintaining, and presenting **PowerBI dashboards**, leading to a **25% boost** in cross-functional team data analysis efficiency.

Conversenow Technologies INC. Rochester, NY
Data Analyst Co-op Jul 2022 — Dec 2022

- Boosted order monitoring AI accuracy for **10+ restaurant** clients by building **ETL automation** on **Google Cloud Platform** and creating dynamic dashboards in **Google Data Studio**.
- Enhanced AI speech recognition accuracy by **80%** through optimized dashboards, visualized using **Metabase** and powered by **BigQuery** on Google Cloud Platform.
- Achieved **96%** AI close rates by visualizing latency data in **Looker Studio**, extracting insights from **Snowflake DB** with **DBT files**.
- Led data dashboard creation efforts using **SQL and Google Analytics**, collaborating cross-functionally with **Agile** teams and AI researchers to enhance data preparation, increasing NLU model accuracy by **87%**.

PROJECTS

AWS Automated ETL for Financial Data ([Link](#))

- Engineered AWS data pipeline cutting processing time **30%** through automation of 1800+ records with **Glue ETL, Lambda, IAM permissions**

Indian GDP Interactive Analysis ([Link](#))

- Built interactive **PowerBI** dashboard to analyze 20-year GDP trends integrated with **ArcGIS** geographic visualization to inform decisions

Product Recommendation using Resnet ([Link](#))

- Engineered an **87% accurate** fashion product recommendation system using advanced machine learning algorithms, and implemented it on a **Flask** and **MongoDB** web app to enhance user experience

NYC House Price Prediction ([Link](#))

- Developed and statistically tested Python **time series** models to predict NYC house prices, achieving **93%** prediction accuracy by optimizing **OLS model** selection technique

SKILLS

Languages	Python, R, SQL, Google Big Query, SAS
Cloud Technologies	MySQL, PostgreSQL, MongoDB, Snowflake DB, Google Cloud Platform, AWS
Dashboards	Tableau, PowerBi, Looker, Google Data Studio, Metabase
Tools/Technologies	Git, Jira, Microsoft Excel, VBA, Arc Gis, Alteryx, Microsoft Visio, Microsoft Sharepoint
Soft skills	Collaborating and Teamwork, Agile Development