

# Summary

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Motivated Data Scientist & Software Developer with 4+ years of experience and a strong foundation in data analytics, predictive modeling, and cloud-based data infrastructure. Currently pursuing a Master’s in Data Science with advanced training in large-scale data analytics, machine learning, and data visualization. Proficient in Python, R, SQL, and AWS, with hands-on expertise in Jupyter, Tableau, and Plotly. Passionate about solving complex business problems through scalable analytics and insights-driven solutions.

# Technical Skills

* **Languages & Tools:** Python, R, SQL, PL/SQL, Bash
* **Analytics & Visualization:** Tableau, Plotly, Jupyter, ggplot2, RShiny, Zeppelin
* **Machine Learning:** Scikit-learn, TensorFlow, Statsmodels, Predictive Modeling
* **Big Data & Data Wrangling:** Pandas, Numpy, Data Cleaning, ETL Pipelines
* **Cloud & Infrastructure:** AWS (EC2, S3, Lambda), Cloud Analytics, Git, Docker
* **Databases:** Oracle, MongoDB, MySQL, Snowflake
* **Workflow Tools:** Alteryx, Excel, GitHub, VS Code

**Experience**

# Infosys | Software Engineer & Oracle DBA | 08/2022– 08/2023

# Built predictive models and automated data analysis workflows using Python, SQL, and AWS services.

# Collaborated with engineering teams to ingest, clean, and transform siloed datasets for dashboard reporting and metric generation.

# Designed interactive dashboards using Tableau and Jupyter to support insights and decision-making across business units.

# Developed ETL pipelines for data ingestion, transformation, and storage in cloud infrastructure (AWS, Snowflake).

# Implemented scalable analytics platforms with reusable logic, improving cross-team adoption and operational efficiency.

**Tata Consultancy Services (TCS) | Oracle Database Administrator | 08/2019 – 08/2022**

* Created statistical models for financial systems and tax-related analytics supporting audit and compliance use cases.
* Engineered SQL-based tools and batch automation for structured data extraction and reporting.
* Maintained high-performance cloud-ready data pipelines using AWS and Python-based tooling.
* Integrated legacy data into analytics platforms and supported internal tooling using Excel and Tableau.
* Documented workflows and presented insights to stakeholders using clear and concise technical reports.

**Education**

## University of Massachusetts, Dartmouth Aug 2023 – Expected May082025

*Master of Science in Data Science Current GPA: 3.7/4.0*

# Academic Projects

**Personalized Restaurant Recommendation System | Django, MySQL, TensorFlow**

* Developed an AI-driven recommendation system using collaborative filtering and content-based models.
* Designed an intuitive React.js front-end for an enhanced user experience.
* Integrated location-based restaurant suggestions, improving customer engagement by 40%.

**Hospital Management System | Flask, MongoDB**

* Created a complete data tracking system using Flask and MongoDB for patient record and appointment management.

**Spotify Data Analysis | AWS, Python, Big Data Analytics**

* Analyzed streaming behavior and built predictive models using EC2, S3, and Athena.
* Designed Tableau dashboards for real-time streaming insights.

**Achievements**

* Awarded “Employee of the Month” at TCS for spearheading key predictive analytics project.
* Successfully implemented automation in reporting systems, reducing manual workload by 40%.
* Presented analytics solutions that drove process optimization in compliance reporting.