

# SaiPramod Bhupathi

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## SUMMARY

A Graduate student specializing in Data Science and Analytics with almost three years of professional experience in the Banking Industry. Strong problem-solving and interpersonal skills with proficiency in SQL, R, Power BI, Tableau, and Python programming. Have a deep understanding of Statistics and Machine Learning techniques. Eyeing Data Scientist/Analyst role to leverage analytical skills for impactful solutions.

## SKILLS

**Programming:** SQL, Python, R

**Framework and Tools:** Oracle SQL Developer, SSMS, MS SQL Server, Pandas, NumPy, Scikit-Learn, MS PowerPoint, Jupyter Notebook

**Visualization:** Tableau, Power BI, Excel, Looker Studio, Matplotlib

**Statistics:** Regression, Clustering, Market Basket Analysis, ARIMA, Hypothesis testing, etc.,

**Soft skills:** Team management, Analytical-Problem Solving, Time management, Intellectual-honesty.

## PROFESSIONAL EXPERIENCE

### Georgia State University

Aug 2023 – Aug 2024

#### Graduate Research Assistantship

Atlanta, USA

- Developed a benchmark to compare Truist's TCFD metrics against 8 other National banks.
- Conducted **Exploratory Data Analysis**, employing **Python's NLTK** libraries to decode complex, data-driven business problems.
- Enforced **Data Mining** techniques to demonstrate the potential business impact of improved TCFD metrics in terms of **risk assessment**.
- Implemented **OCR (Optical Character Recognition)** to extract text from scanned documents using **Python**, achieving **94% accuracy** in data analysis and accessibility.

### Ujjivan Small Finance Bank

Sep 2022 – Jul 2023

#### Data Scientist

Bangalore, INDIA

- Generated business of **690 million** for Q4 FY22 by collaborating with credit and marketing teams utilizing **SQL queries** in **SSMS**
- Performed root cause analysis and recommended solutions to mitigate **revenue leakage by 11%** in FY22-23.
- Developed **retention models** using **Machine Learning algorithms** with **Python (Scikit-Learn)** that slashed customer attrition by 10% within 6 months by identifying key churn predictors and informing strategic customer engagement activities.
- Steered a **team of 3 members** to develop and deliver projects and ad-hoc on time, aided and assisted the team with the required training to achieve an accuracy of 90%.
- Devised **dashboards** using **Tableau** for portfolio monitoring for senior management enhancing data visualization and efficiency.

### Karur Vysya Bank

Nov 2020 – Aug 2022

#### Data Analyst

Chennai, INDIA

- Devised regular scheduled activities to help business heads to the right areas of focus.
- Designed **DataMart** for team utilization for business requirements, resulting in a **30% reduction** in time-to-insight for projects.
- Automated monthly schedule **reports** using **Power BI** for senior management, saving 20 hours of manual work per month.
- Enhanced customer engagement by analyzing spending patterns using **Oracle SQL Developer** and segmenting customers by forming strategies to pitch the right product.
- Managed and delivered over 75 ad-hoc requirements for different stakeholders using complex **SQL queries** in **Oracle SQL Developer**.

## EDUCATION

### Georgia State University, Atlanta

Aug 2023 – Dec 2024

Masters in Data Science and Analytics

GPA – 4.00/4

**Coursework:** Statistics, Data Base Management Systems, Python Programming, Data Visualization, Scalable Analytics, Deep Learning, Machine Learning, Predictive Modelling, Health Care Analytics

### The State University of New York at Buffalo, Buffalo

Aug 2019 – Aug 2020

Masters in Business Analytics and Systems- (Dual Degree Program)

GPA – 3.61/4

### Amrita Vishwa Vidyapeetham, Bangalore

Jul 2018 – Aug 2020

Masters in Business Administration

GPA – 8.43/10

## ACADEMIC PROJECTS

### Electric Avenue- API Using GCP

- Utilized **Google Cloud Platform (GCP)** services including **Google Big Query** and **Looker Studio** to extract insights from complex data.
- Accomplished task by dividing the system into modules: **Data Extraction through API, Validation, Analysis, Visualization**

### Stock Price Prediction

- Built **predictive models** for Apple's stock trajectory, infusing models with seasonal trends to anticipate critical market shifts.
- Enhanced stock forecasts using **LSTM, SARIMA, and ARIMA**, emphasizing seasonality and early alerts for price fluctuations.

## CERTIFICATIONS

- Microsoft Certified - Azure Data Scientist Associate [View Credentials](#)
- Databricks Certified Data Engineer Associate [View Credentials](#)
- Cisco Certified - Data Analytics Essentials