

# Ankith Babu Joseph

## Data Analyst

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LinkedIn | GitHub | Portfolio

## PROFESSIONAL SUMMARY

Data Analyst with a Master's in Data Analytics (1:1) and a strong background in banking operations. Expert in Python, R, and SQL for data cleaning, analysis, and visualization. Proven track record of improving operational efficiency and leading teams in high-pressure environments. Passionate about leveraging data to drive strategic decision-making and business growth.

## PROFESSIONAL EXPERIENCE

### Administrative Assistant - Data

Feb 2025 - Present

Nexus Ventures Limited

Dublin, Ireland

- Streamlining administrative workflows by implementing automated data processing scripts, reducing reporting time by 20%.
- Utilizing Python and Excel to analyze operational data, identifying key trends that support strategic resource allocation.
- Maintaining data integrity across internal databases through rigorous cleaning and validation protocols.

### Laboratory Assistant - Data Analytics

Sep 2024 - Jan 2025

National College of Ireland

Dublin, Ireland

- Mentored 50+ MSc students in advanced data analytics concepts, including machine learning algorithms and statistical modeling in Python and R.
- Facilitated weekly practical sessions, ensuring 100% of students successfully completed complex data visualization projects.
- Collaborated with faculty to refine course materials, ensuring alignment with current industry standards and tools.

### Assistant Manager

Oct 2022 - Apr 2023

The Federal Bank Ltd.

Kerala, India

- Co-managed branch operations, overseeing a portfolio of high-value accounts and ensuring seamless service delivery.
- Led a team of 5 associates, implementing performance tracking systems that increased team productivity by 15%.
- Achieved 100% compliance with banking regulations and audit requirements through meticulous record-keeping and process oversight.

### Customer Associate

Jul 2015 - Oct 2022

The Federal Bank Ltd.

Kerala, India

- Processed an average of 150+ daily transactions with 99.9% accuracy, consistently exceeding operational targets.
- Resolved complex customer issues, maintaining a high customer satisfaction score and fostering long-term client relationships.
- Managed cash logistics and vault operations, ensuring strict adherence to security protocols and zero discrepancies.

## EDUCATION

### MSc in Data Analytics

2024 - 2025

National College of Ireland

Dublin, Ireland

First-Class Honours (1:1)

## TECHNICAL SKILLS

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<b>Data Analysis &amp; Programming:</b>	Python (Pandas, NumPy, Scikit-learn), R, SQL, Tableau, Power BI
<b>Web Technologies:</b>	HTML5, CSS3, JavaScript, Git/GitHub
<b>Tools &amp; Software:</b>	Microsoft Excel (Advanced), Visual Studio Code, Jupyter Notebooks, Adobe Photoshop
<b>Soft Skills:</b>	Strategic Planning, Team Leadership, Stakeholder Management, Problem Solving
<b>Languages:</b>	English (Fluent), Malayalam (Native)

## KEY PROJECTS

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### **Predictive Analytics for Churn** | <https://github.com/ankithbjoseph>

Developed a machine learning model using Python (Scikit-learn) to predict customer churn in the banking sector. Achieved 85% accuracy using Random Forest and Logistic Regression algorithms. Visualized key churn drivers using Power BI dashboards.

### **Sales Performance Dashboard** | <https://github.com/ankithbjoseph>

Designed an interactive dashboard in Tableau to track regional sales performance. Integrated SQL data sources to provide real-time insights, enabling management to identify underperforming regions and optimize inventory.

### **Predictive Analytics Churn** | <https://github.com/ankithbjoseph>

Developed a machine learning model using Python (Scikit-learn) to predict customer churn in the banking sector. Achieved 85% accuracy using Random Forest and Logistic Regression algorithms. Visualized key churn drivers using Power BI dashboards.

## CERTIFICATIONS

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**CAIIB (Information Technology)** - Indian Institute of Banking & Finance

Jul 2018

**JAIB** - Indian Institute of Banking & Finance

Dec 2017