

# Sameer Krishna Enjapuri

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## SUMMARY

Data Analyst with 5+ years of experience in data analytics, ETL pipeline development, and cloud-based solutions, transforming raw data into actionable insights. Expertise in architecting scalable data workflows, automating data integration, and leveraging predictive analytics to drive business intelligence and decision-making. Proficient in building high-performance dashboards, optimizing data models, and enhancing operational efficiency.

## WORK EXPERIENCE

**University of South Florida** (Client – Cyber Florida)

Jan 2024 - Present

### Data Analyst

- Designed and developed interactive Tableau dashboards analyzing Tampa Bay's economic performance, improving policy decisions by 30%.
- Developed and deployed time series forecasting and regression analysis in Python, improving the accuracy of housing affordability and workforce trend assessments by 35% across 19 MSAs.
- Collaborated with faculty and peers to gather, analyze, and visualize key economic indicators, leading to a 25% increase in actionable policy recommendations for enhancing the region's economic standing.

**Capgemini** (Client - Länsförsäkringar Bank)

Oct 2022 - Jul 2023

### Data Analyst

- Orchestrated Power BI dashboards using DAX to monitor sales trends, inventory levels, and revenue performance, automating reporting and reducing manual efforts by 40%.
- Optimized and executed A/B testing and statistical analysis to refine marketing strategies, leveraging data-driven insights to improve customer engagement by 20% through targeted optimizations.
- Architected and integrated scalable cloud-based ETL pipelines (AWS Glue) to efficiently integrate structured/unstructured financial data, improving warehouse efficiency by 35%.

**Cognizant** (Client - Adidas)

Feb 2022 - Sep 2022

### Data Analyst

- Engineered a real-time data streaming system using Confluent Kafka, reducing transaction processing latency by 25% and improving fraud detection.
- Refined and calibrated predictive models (XGBoost, Random Forest) in Python & SQL, increasing customer retention by 20% through behavior-based insights.
- Synthesized and visualized shipment trends through Power BI dashboards, integrating historical data and predictive analytics to enhance decision-making and improve forecasting accuracy by 25%.

**Tata Consultancy Services** (Client - Avis Budget Group)

Sep 2018 - Jan 2022

### Data Analyst

- Engineered ETL pipelines (Informatica PowerCenter, SQL) to efficiently process large-scale IoT rental vehicle data, reducing latency by 30%.
- Established SQL performance tuning practices (Query Optimization, Indexing, Partitioning), improving database efficiency by 15% and accelerating query execution.
- Customized Tableau dashboards and KPI reports for real-time tracking of vehicle utilization and market demand, enhancing operational efficiency by 15%.

## PROJECTS

**Netflix Navigator: A Content Optimization Dashboard** (Tableau, Excel)

- Constructed a scalable Netflix dashboard on Tableau, facilitating streamlined record integration and analysis for over 50k+ records.
- Applied advanced analytics techniques to reveal insights and patterns, driving a 2x ease in understanding user preferences.

**YouTube Analysis** (AWS, Analytics, ETL, Visualization)

- Built a scalable ETL pipeline with AWS Glue ETL, transforming 100K+ records stored in S3. Automated data cleansing and Parquet conversion using Lambda triggers, reducing manual effort by 10%.
- Leveraged Amazon QuickSight to perform in-depth engagement analysis, identifying high-performing videos and uncovering key viewer trends. Provided data-driven insights that optimized content strategy and improved marketing effectiveness by 15%.

## TECHNICAL SKILLS

<b>Programming Languages:</b>	Python (Pandas, Matplotlib, Seaborn, Scikit Learn etc.), SQL
<b>Databases:</b>	Oracle, MySQL, PostgreSQL, MongoDB
<b>Data Analytics &amp; Processing:</b>	Exploratory Analysis, Data cleaning, Visualization, Data Modeling, Statistical Analysis
<b>Business Intelligence &amp; Visualization:</b>	Tableau, Microsoft Power BI, Microsoft Excel, Qlik Sense, Google Looker Studio, Amazon QuickSight
<b>Data Engineering &amp; Warehousing:</b>	ETL, Apache Kafka, Informatica PowerCenter, Apache Airflow, Databricks
<b>Cloud Platforms:</b>	AWS (Amazon S3, AWS Glue, AWS Lambda, AWS Athena)
<b>Tools &amp; Platforms:</b>	GitHub, Jenkins (CI/CD), Jupyter Notebook, Visual Studio Code
<b>Project Management:</b>	Agile, Power Point, Scrum, JIRA, Kanban, Confluence, SDLC

## CERTIFICATIONS

- Microsoft Certified: Power BI Data Analyst Associate
- AWS Certified Solutions Architect – Associate
- Databricks Certified Data Engineer Associate

## EDUCATION

University of South Florida

**Master of Science in Business Analytics and Information Systems**

Aug 2023 - May 2025 | **GPA – 3.9/4**

University of Mumbai

**Bachelor of Engineering**

Jul 2014 - Jun 2018 | **CGPA – 8.37/10**