

# RISHAPP RAJESH

## DATA ANALYST

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### SUMMARY

Data Analyst with 3+ years of experience in analyzing complex datasets and managing databases to support business objectives. Proficient in Python, R, SQL, and SAS, with expertise in data visualization using Power BI, Tableau, and Looker. Skilled in ETL processes and predictive modeling with tools like SSIS, Alteryx, Scikit-learn, and TensorFlow. Experienced in Agile project management, leveraging tools like Jira and Asana to deliver impactful projects. Strong background in MySQL, SQL Server, and PostgreSQL, with advanced Excel capabilities.

### EXPERIENCE

#### Principal Financial Group, TX | Data Analyst

Jan 2024 – Present

- Oversee the complete lifecycle of data analytics projects, from initial planning and design through to implementation and ongoing maintenance, utilizing **Agile methodologies** to ensure flexibility and on-time delivery.
- Developed **10+ data visualizations** using **Python** and **R** libraries like **Matplotlib** and **ggplot2**, including **histograms**, **scatter plots**, and **bar charts**, to extract actionable insights from complex data, resulting in a **20% increase** in decision-making efficiency.
- Designed and implemented **custom Tableau dashboards** that enabled over **30 users** to intuitively analyze complex datasets, resulting in a **25% improvement** in data-driven decision-making across the organization.
- Develop and maintain ETL processes for databases like **MySQL** and **SQL Server**, improving data integration, consolidation, and accessibility by ensuring consistency and accuracy.
- Lead database migration efforts to **AWS** cloud services such as **Amazon RDS** and **S3**, enhancing performance, scalability, and data integrity while maintaining security standards.
- Customize **data visualizations** in **Looker** to meet the specific needs of different departments, improving data accessibility and the clarity of complex datasets.

#### GOLDMAN SACHS, Dallas, USA | Data Analyst Intern – Asset and Wealth Management

Jun 2023 – Aug 2023

- Incorporated data preparation techniques using **MS Excel** features like **Power Query** and **Pivot Tables** for private wealth data, improving data accuracy by 90%.
- Performed extensive data cleaning procedures using **SQL** such as **data normalization** and outlier detection on private wealth data comprising over **500,000 records**, ensuring data integrity and reliability for accurate data analysis.
- Utilized **Python** libraries such as **Pandas**, **NumPy** and **Scikit-learn** to perform predictive analysis between variables such as client demographics and investment preferences to derive **80% better** portfolio management strategies.
- Integrated various APIs and external services to facilitate seamless data exchange and utilized **Git** for real-time communication between different systems, optimizing data flow and ensuring smooth automation workflows.
- Created SharePoint integrated PowerBI dashboards for distributed databases leveraging **DAX**, drill-down functionality, **data cleansing**, schema designing and real-time data integration.

#### Apex Infolab, India | Data Analyst

Jan 2020 – Jul 2022

- Utilized statistical programming languages like **Python** and **R** to conduct advanced data analysis, leading to significant enhancements in customer engagement and retention strategies.
- Applied **SciPy** and **NumPy** to perform in-depth statistical analysis and create visual representations of data trends and distributions, aiding in data-driven strategic decision-making.
- Leveraged **advanced Excel** functions such as **VBA**, **Pivot Tables**, **Power Pivot**, **Macros**, **VLOOKUP**, and **HLOOKUP** to automate data processing, streamline reporting, and enhance data analysis accuracy, resulting in improved efficiency across projects.
- Crafted complex **SQL** and **NoSQL** queries to extract, transform, and analyze **large datasets**, generating insights that directly informed IT service strategies and operational improvements.

### SKILLS

Methodologies	: SDLC(Waterfall, Agile, Scrum, Kanban)
Programing Language & IDE's	: Python, R, SQL, SAS, Visual Studio Code, PyCharm, Jupyter notebook
Packages & Libraries	: NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, Keras, TensorFlow, SciPy
ETL & Data Preparation Tools	: SSIS, Power BI, Tableau, Alteryx, Informatica, Looker, DAX
Project Management & Reporting Tools	: Jira, Asana, Trello, Smartsheet, Crystal Reports, MicroStrategy
Database	: MySQL, SQL Server, PostgreSQL
Cloud Technologies	: AWS (S3, Glue), Google Analytics
Other Skills & Tools	: Git, GitHub ,Data Cleaning, Data Wrangling, Critical Thinking, Root cause analysis

### CERTIFICATIONS & CONFERENCE PAPERS

[Google Data Analytics Professional](#), [Google Data Analytics Specialization](#), [Tableau Fundamentals](#), [Intermediate SQL](#), [From Data to Insights with Google Cloud Specialization](#), [Supervised Learning in R: Classification](#)

Rishapp, R., & Ragav, C T. (2020). Arduino BasedMagnetic Levitation. InComputer Science (Ed.), Proceedings of the EDGE International Conference, March 1-3, 2020, Chennai, Tamil Nadu (pp. 45-56). IEEE.