

# YASH MAKADIA

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## SUMMARY

Results-driven Data Analyst with **3+ years** of experience in analyzing and interpreting complex data to drive business insights and decision-making. Proficient in using advanced analytical tools and techniques, including **Python, SQL, R, Tableau, and Power BI**, to extract, clean, and **visualize data**. Demonstrated expertise in **statistical analysis**, data modeling, and **predictive analytics** to identify trends and patterns that inform strategic initiatives.

## TECHNICAL SKILLS

**Languages/Packages:** Python, R, SQL, Restful API, Spark, A/B Testing and Experimentation, SSIS, SAS, SPSS, NumPy, Pandas, Matplotlib, SciPy, Seaborn, Plotly, ggplot2, NLP, TensorFlow, Keras.

**Visualization Tools:** Tableau, Power BI, ETL, Google Analytics, Alteryx, Looker, QlikView, Adobe Analytics

**Database:** MySQL, PostgreSQL, SQL Server, MongoDB, Snowflake.

**Management:** Project Management, Agile, Scrum Framework, Google Workspace, Microsoft Project, Lean Six Sigma, MS Office.

**Software/Technologies:** AWS, Azure, Salesforce, RStudio, Teradata, MS Access, MS Excel, Splunk, JIRA, Confluence, Github.

**Certifications:** AWS - Cloud Practitioner, Salesforce Administrator, Salesforce Business Analyst, Salesforce Platform App Builder.

## PROFESSIONAL EXPERIENCE

### Freedom Consulting Group | PA (*Data Analyst*)

January 2024 – Present

- Leveraged **AWS** services such as **Redshift, S3, and Athena** to build scalable data pipelines and perform complex data analysis, reducing data processing time by **50%**.
- Designed and implemented over **100 unique data** visualizations in **Tableau** and **QlikView** for various clients, resulting in a **20%** improvement in client satisfaction.
- Leveraged **Apache Spark** to handle large-scale data processing tasks, achieving up to **50%** faster data processing and improved analysis capabilities.
- Worked proficiently with **Excel** to create **pivot tables**, advanced formulas, producing monthly reports and data analysis.
- Implemented complex **MySQL** queries and stored procedures to extract and analyze large datasets, enhancing **data-driven decision-making** and reducing query response time by **30%**.
- Leveraged **NumPy** to perform efficient numerical computations and data manipulation, **reducing processing time** for complex analyses by **30%**.

### DataLink | FL (*Data Engineer*)

May 2023 – August 2023

- Presented monthly performance reports to stakeholders using **Power BI**, highlighting insights on user behavior that led to a revamp of the homepage layout, improving navigation efficiency by **20%**.
- Leveraged **MongoDB** to handle unstructured data and **perform real-time analysis**, enhancing data processing capabilities and improving insights across diverse datasets.
- Analyzed diverse data sources to uncover insights, boosting customer engagement by **30%** and supporting business strategy improvements.

### Crest Data | India (*Data Analyst*)

November 2020 – July 2022

- Utilized **Python** and **R** to develop advanced statistical models and perform complex data analysis, enhancing insights and **decision-making** processes by **25%**.
- Leveraged **SQL** to **extract, manipulate**, and analyze complex datasets, resulting in a **40%** improvement in data reporting accuracy and actionable insights.
- Used **Pandas** for **data manipulation**, achieving a **50%** reduction in processing time and improved accuracy through advanced cleaning, transformation, and aggregation.
- Created comprehensive **Excel dashboards** and **pivot charts** to visualize key performance metrics, providing actionable insights and improving strategic decision-making by **25%**.
- Utilized **Snowflake's cloud data platform** to perform scalable **data warehousing** and advanced analytics, improving query performance and reducing data storage costs by **40%**.

### Technocolabs Software | India (*Data Analyst*)

May 2020 – November 2020

- Leveraged **SQL** and **Python** for analyzing high volumes of organizational data and identified potential cost reduction opportunities leading to a saving of **\$1.2M annually**.
- Utilized **advanced Excel** functions and **VBA** scripting to **automate data analysis** and reporting, increasing productivity by **35%**.
- Implemented **Agile methodologies** to streamline data analysis projects, improving **team collaboration** and delivering actionable insights **30%** faster.
- Used **Seaborn** to create detailed and informative visualizations, enhancing data insights and improving the clarity of complex datasets by **40%**.
- Utilized **Teradata** to manage and analyze large-scale datasets efficiently, **improving data retrieval speeds** and enhancing analytical capabilities by **40%**.

## EDUCATION

**Master of Science, Information Systems,**

University of Maryland College Park, MD, USA.

**Bachelor of Technology, Computer Engineering,**

Charotar University of Science and Technology, Changa, Anand, GJ, India.