

**Surya N**  
Senior Data Analyst

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## PROFESSIONAL SUMMARY

Data & Analytics Consultant with 3+ years of experience building automated data pipelines using Python, Alteryx, and SQL. Creates clear, actionable BI visualizations using Tableau and Power BI to support data-driven decisions. Applies machine learning and has working knowledge of AWS SAA for scalable analytics solutions.

## WORK EXPERIENCE

### KPMG Assurance and Consulting LLP

Assistant Manager

April 2025 - Present

- Administered **Alteryx** for a leading investment bank, overseeing server upgrades, workflow configurations, performance tuning, and user support, ensuring seamless operations and enhanced data processing efficiency.
- Developed and automated multiple **Tableau** dashboards to monitor migration and upgrade processes, providing real-time insights and improving reporting efficiency.
- Developed ETL workflows to extract and process metadata from various **Alteryx Server** environments using Server APIs and Alteryx Connect, facilitating comprehensive data lineage and governance.
- Collaborated with cross-functional teams to design and implement data solutions, aligning with business objectives and driving data-driven decision-making.

Consultant

May 2022 - March 2025

- Designed over 50 bespoke and generalized audit routines using **Alteryx** for financial reporting across various sectors, streamlining data processing and enhancing reporting accuracy.
- Developed a **Python** tool to extract and process large datasets from SSAS cubes, significantly improving data analysis and reporting workflows, and reducing manual effort by over 90%.
- Created interactive Power BI and Tableau dashboards to visualize high-risk transactions and monitor statistical model performance for internal audits.
- Collaborated with KPMG's internal audit team to design and implement an end-to-end audit risk-assessment solution utilizing **Alteryx, Python, SQL, and Power BI**. This tool leveraged machine learning and statistical algorithms to automate the identification of high-risk journal entries, analyzing over 10,000 entries monthly.

Data Science Intern

Jan 2022 - May 2022

- Constructed an ETL pipeline in Python and **AWS**, facilitating seamless data integration.
- Enhanced the pipeline to handle live streaming data, improving real-time analytics capabilities.
- Applied **K-Means** clustering to segment customers based on purchase patterns, identifying three key segments that informed targeted marketing strategies.

### Hudson's Bay Services Private Limited

Jun 2020 - Dec 2020

Data Analyst Intern

- Automated Employee Roster and Business Performance Reports using **Python**, reducing report generation time by 50%.
- Developed Tableau dashboards to visualize sales and performance metrics, aiding in strategic decision-making.
- Built an Employee Attrition Model using machine learning algorithms, identifying at-risk employees and enabling proactive retention strategies.

## SKILLS

**Technical Skills :** Python, SQL , Machine Learning

**Tools:** Alteryx, Tableau, PowerBI

## EDUCATION

**MSc in Data Science (Integrated)**

June 2017 - May 2022

PSG College of Technology (CGPA: 8.31/10)

## CERTIFICATIONS

Alteryx Designer Advanced, Alteryx Server Administrator, Dataiku ML practitioner, Alteryx ML foundation Micro credentials