

SAHIL RAAJ KAPUR

MANAGER | EXL

PROFILE

Manager – Data Science and Analytics with 10 years of experience delivering end-to-end data solutions across machine learning, reporting, and business intelligence. Skilled in developing scalable analytics workflows using Python, SQL, Alteryx, and Power BI. Proven ability to build and deploy ML models for classification, prediction, and segmentation, with a strong focus on data-driven decision support. Experience includes leading junior analysts, optimizing business processes, and implementing robust data pipelines. Familiar with foundational AI concepts and basic NLP techniques to support emerging use cases. Adept at collaborating with cross-functional teams and aligning analytics with business goals.

CONTACT

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EDUCATION

12/2021–12/2026

IIT MADRAS

- BS in Data Science and Applications

2014–2016

JAMIA MILLIA ISLAMIA

- MA in Economics

2010–2013

UNIVERSITY OF DELHI

- BA (Hons) in Economics

SOFT SKILLS

- Problem Solving
- Leadership
- Stakeholder Communication
- Project Management
- Process Improvement
- Effective Communication
- Critical Thinking

LANGUAGES

- English (Fluent)
- Hindi (Fluent)
- Punjabi (Basics)

WORK EXPERIENCE

■ EXL

DECEMBER 2025 – PRESENT

Manager

- Led automation-driven process transformation by designing and deploying Python-based solutions (Tkinter executables, OCR using Tesseract) to eliminate manual Excel lookups and unstructured data handling, improving operational efficiency and accuracy.
- Owned end-to-end BI delivery by developing Power BI dashboards integrated with multiple SharePoint-hosted Excel sources, translating business requirements into actionable insights for clients and leadership.
- Acted as a technical and people manager, bridging business and technology, setting development standards, creating deployment documentation, and ensuring scalable, well-governed solutions across projects.

■ EY GDS

APRIL 2021 – PRESENT

Assistant Manager

- Power BI & Dashboarding:
 - Designed and implemented an interactive Power BI dashboard for electricity supply-demand visualization in Singapore.
 - Built a real-time commodity price comparison dashboard for Germany using advanced Excel functions and VBA.
- Modelling & Solutions:
 - Developed ESG impact models linking corporate sustainability with Total Shareholder Return (TSR).
 - Conducted scenario analysis using Power BI to provide actionable insights for ESG benchmarking and improvement.
- Data Extraction & Automation:
 - Developed a Python tool utilizing regular expressions (Regex) for text mining and data extraction from unstructured sources, optimizing data analysis workflows.
 - Created a Python-based tool using Refinitiv API to extract and process ESG data, reducing extraction time by 50%.
- AI & Machine Learning Integration:
 - Applied foundational AI techniques, such as Natural Language Processing (NLP), for text mining and data categorization in ongoing projects.
 - Involved in experimenting with AI-powered solutions for predictive analytics and customer segmentation.
- Team Leadership:
 - Managed and delegated tasks to junior analysts while monitoring project performance and ensuring quality delivery
- Alteryx Workflow
 - Built and automated Alteryx ETL workflows, integrating SQL, Excel, Salesforce, and APIs, cutting data processing time by over 60%.
 - Optimized high-volume workflows for performance and scalability, reducing runtime and memory usage.

WORK EXPERIENCE

• The Economist (EIU)

JULY 2017 – MARCH 2021

Data Analyst

- Macroeconomic Forecasting:
 - Conducted forecasting for over 200 countries using statistical models, providing valuable insights into future trends.
 - Automated data processes through VBA and SQL, enhancing the efficiency of macroeconomic databases.
- Project Execution:
 - Managed data extraction and analysis for projects such as military expenditure analysis and GDP forecasting.

• Everest Group

AUGUST 2016 – JULY 2017

Information Specialist

• Automation & Reporting:

- Automated the generation of quarterly Market Vista reports, reducing manual efforts with Excel and VBA automation.
- Enhanced and maintained the Transaction Intelligence database, providing insights into service provider deals.

TECHNICAL SKILLS

- Programming Languages: Python, SQL, VBA
- Business Intelligence Tools: Power BI, Alteryx, Advanced Excel (VBA, Power Query, Pivot Tables, Dashboards)
- Data Modeling & Analysis: ETL, DAX, Statistical Modeling, Machine Learning (Churn Analysis, Predictive Analytics)
- AI & Machine Learning: Text Mining (Regex), Natural Language Processing (NLP), AI-powered Predictive Solutions
- Data Extraction & Automation: Refinitiv API, S&P Capital IQ, Automating Data Processes (Python, VBA)
- Visualization: Creating interactive dashboards and data-driven reports using Power BI, Excel, and Python

CORE COMPETENCIES

- Data Analysis & Visualization: Expertise in Power BI, SQL, Python, and AI for creating interactive dashboards and reports.
- Business Process Improvement: Analyzing and enhancing business processes to improve efficiency and productivity.
- Project Management: Experienced in defining project scope, objectives, risk management, and team leadership.
- Stakeholder Communication: Skilled in liaising between departments to ensure clear understanding and effective execution.
- Technical Expertise: Proficient in advanced Excel (VBA, Power Query), Alteryx, and data modeling.
- Leadership: Proven ability to lead project teams, delegate tasks, and drive performance.
- AI & Machine Learning: Exposure to AI techniques such as text mining, natural language processing (NLP), and predictive modeling.

SHORT TERM EXPERIENCE

- National Housing Bank (NHB)
- RIS

- Gartner
- Bahl & Company

AWARDS

- ESG 360° Suite Winner – SAT Olympiad (2023)
- Impact Modelling Winner – SAT Olympiad (2022)