

# Analyst

## KARAN TEKCHANDANI

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Delhi, 110018

*“Data Analyst skilled in SQL, Python, and visualization tools, with hands-on experience in predictive modeling, automation, and business insights.”*

### WORK EXPERIENCE

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#### ASSOCIATE ANALYST – GlobalLogic – Gurugram, India

Feb 2025 - Present

- **Supporting data-driven decision-making in the apparel domain**, ensuring accuracy, compliance, and operational efficiency through Excel-based reporting, Google Cloud DataCompute, and process analysis.
- **Data Processing & Validation** – Managed and structured large datasets using Excel and Google Cloud DataCompute, ensuring quality, consistency, and compliance with company standards.
- **Performance Tracking & Reporting** – Created and maintained Excel reports and dashboards, tracking order processing, workflow efficiency, and quality control metrics.
- **Process Optimization Support** – Identified bottlenecks in existing workflows, recommending data-driven improvements to enhance operational efficiency.
- **Stakeholder Collaboration** – Coordinated with cross-functional teams, ensuring smooth communication and process alignment for streamlined operations.
- **Quality Control & Compliance** – Ensured data consistency and adherence to apparel process guidelines, helping improve workflow accuracy and decision-making.

#### MIS INTERN – VAspire Management Consultants – Delhi, India

Sept 2024 - Jan 2025

- **Recruitment Data Management** – Organized, maintained, and optimized candidate, client, and hiring pipeline data using SQL & Excel, ensuring smooth operational workflows.
- **Performance Monitoring & Reporting** – Developed real-time Power BI dashboards, providing recruiters and management with key hiring metrics like time-to-fill, recruiter performance, and hiring trends.
- **Automated Reporting & Efficiency** – Designed automated Excel reports, reducing manual data entry and improving hiring process tracking for job postings and candidate progress.
- **Predictive Hiring Analytics** – Analyzed hiring patterns, workforce trends, and talent demand forecasts, enabling data-driven hiring strategies.
- **Collaboration & Business Impact** – Worked closely with recruiters, hiring managers, and leadership, translating data into actionable insights for strategic decision-making.

#### DATA SCIENCE INTERN – Dimitra – British Virgin Islands, Tortola Experience Letter

March 2024 - Aug 2024

- **Data Validation & Collaboration** – Collaborated with cross-functional teams to analyze and validate large datasets, ensuring data accuracy, consistency, and business relevance with communication with the data science director and data science core team on a daily basis.
- **Machine Learning & Predictive Modeling** – Managed multiple data-driven combined with machine learning projects in a fast-paced environment, delivering insights and reports on time to support decision-making.
- **Impact-Driven Insights** – Enhanced data quality through rigorous validation techniques, improving model accuracy by 4% and ensuring reliable predictions.
- **Model Development & Deployment** – Developed and deployed a Random Forest classification model in JavaScript, accurately classifying grasslands, forests, plantations, water bodies, and deforestation sites with 93%+ accuracy for real-world applications.
- **Geospatial Analysis & Land Suitability** – With the help of machine learning models and supervised classification, I determined the areas where deforestation occurred over a specific period of time by comparing images of 2020 with 2024 in google earth engine and training AI to mark such areas.
- Applied statistical functions through QGIS while exporting results from GEE analyzing land suitability for different crops using statistics and climatic, soil open-source datasets.

### EDUCATION AND CERTIFICATIONS

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**BACHELOR IN COMPUTER APPLICATIONS (8.7 CGPA) – Vivekananda Institute of Professional Studies, GGSIPU – Delhi, India** June 2023

**CERTIFICATIONS** – Advanced SQL Certification (Hacker-Rank), Google Data Analytics, Data Science (Coding-Blocks), Power BI Job Simulation from PwC Switzerland

SKILLS

- **PROGRAMMING LANGUAGES:** Python, JavaScript, HTML
- **LIBRARIES:** NumPy, Pandas, Matplotlib, Seaborn, Beautiful-Soup, Selenium, Scikit-Learn, Requests
- **DATABASE MANAGEMENT SYSTEMS:** MySQL, PostgreSQL
- **DATA VISUALISATION:** Tableau, Power BI
- **STATISTICS:** Descriptive, Inferential, Probability, A/B Testing, SPSS, QGIS
- **MACHINE LEARNING:** Regression Analysis, Predictive Analysis, Time Series Analysis, Classification, Clustering, Cross Validation, Metric Evaluation (Confusion matrix, accuracy, precision, recall, Kappa Coefficient)
- **OTHERS:** AWS (S3, IAM, Athena, EC2), Google Sheets, Advanced Excel, Microsoft Office Suite, Trello, Git, Github, Windows OS, Linux
- **IT:** Networking (IP, Topologies, Subnetting, Network Testing), DataCompute
- **LANGUAGES:** Analytical Mindset, Written and Verbal fluency in English and Hindi, Problem Solving

PROJECTS

- **DELAY PREDICTION ANALYSIS AND DASHBOARDING FOR CARGO COMPANY** – *Personal Project – Delhi, India* January 2025  
**PROBLEM:** Shipment delays were causing inefficiencies and increasing logistics downtime.  
**SOLUTION AND TOOLS:** Built a Random Forest predictive model using NumPy, Pandas, Scikit-Learn, cleaned and modeled data in Python, and performed advanced PostgreSQL queries. Integrated Power BI dashboards for real-time tracking.  
**IMPACT:** Achieved 97.5% model accuracy, reducing logistics downtime by 15% and enabling better decision-making for stakeholders
- **END TO END DATA ANALYSIS OF SALES DATA** – *Personal Project – Delhi, India* December 2024  
**PROBLEM:** Lack of structured insights from raw sales data led to ineffective decision-making.  
**SOLUTION AND TOOLS:** Extracted and cleaned data from Kaggle, performed statistical analysis using Pandas, NumPy, visualized trends with Matplotlib & Seaborn, and optimized PostgreSQL queries with CTEs and window functions. Built a Power BI dashboard for reporting.  
**IMPACT:** Improved query efficiency, increased data accessibility by 10%, enhanced data-driven decisions, and increased business insights by 20%.
- **AGRICULTURAL LAND CLASSIFICATION AND ANALYSIS** – *Internship Project – Remote* August 2024  
**PROBLEM:** Inefficient land classification methods affected accuracy in analyzing land use patterns.  
**SOLUTION AND TOOLS:** Used Google Earth Engine (GEE), QGIS, and Random Forest algorithms to classify land types, applied data preprocessing techniques, and optimized model performance.  
**IMPACT:** Improved classification accuracy by 10%, providing better land-use insights for agricultural planning.
- **POWER BI SALES DASHBOARD** – *Personal Project – Delhi, India* December 2024  
**PROBLEM:** Lack of data-driven insights into sales trends and future demand.  
**SOLUTION AND TOOLS:** Built a Power BI dashboard to analyze historical sales, identify key performance indicators, and forecast sales for the next 15 days. Power BI, SQL, Excel, Time Series Analysis, Statistics  
**IMPACT:** Improved decision-making by providing actionable insights, helping businesses optimize sales strategies and inventory management.
- **COFFEE BUSINESS SALES ANALYSIS IN EXCEL** – *Personal Project – Delhi, India* December 2024  
**PROBLEM:** Limited insights into sales trends, customer behavior, and product performance for a coffee e-commerce business.  
**SOLUTION AND TOOLS:** Developed an interactive excel dashboard using pivot tables, X-lookup, index-match, and conditional formatting to analyze sales trends, customer segmentation, and regional performance.  
**IMPACT:** Identified high-performing regions, optimized inventory planning, and enhanced targeted marketing strategies.

‘Committed to driving business impact through data-driven insights and process optimization.’