Analyst

KARAN TEKCHANDANI

8851786554 | Email:- karantek27@gmail.com
LinkedIn:- https://www.linkedin.com/in/karan-tekchandani/
Portfolio:- https://karantekchandani.github.io/
Delhi, 110018

`An Analyst skilled in SQL, Python, and visualization tools, with hands-on experience in predictive modeling, automation, and business insights in HR and Product domain. `

WORK EXPERIENCE

ASSOCIATE ANALYST – GlobalLogic – *Gurugram, India – Fulltime*   Feb 2025 - Mar 2025

- Analysed apparel production employee data efficiency using **Advanced Excel** and **Google Data Compute**.
- Detected AI model flaws in **quality assessment**, optimizing fabric defect identification.
- Collaborated with production teams to analyze apparel manufacturing data.

MIS ANALYST – VAspire Management Consultants – *Delhi, India – Fulltime*   Nov 2023 - Jan 2025

- Developed and maintained MIS reports to track KPI's such as hiring trends, client management and business performance along with monitoring employee productivity and resource allocation.
- Automated repetitive processes using mainly Excel (VBA, Macros) and SQL to improve efficiency by 15%.
- Performed necessary data cleaning and transformation to maintain data quality in databases.
- Conducted training session for a new hire, providing them with guidance to help them understand essential tasks.

EDUCATION AND CERTIFICATIONS

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

SKILLS

- **PROGRAMMING LANGUAGES:** Python, JavaScript, HTML, CSS
- **ANALYSIS STACK:** SQL (MySQL, PostgreSQL), Advanced Excel (VBA, Macros, X/V-Lookup, Index-Match), Python Libraries (NumPy, Pandas, Matplotlib, Seaborn, Beautiful-Soup, Selenium, Scikit-Learn, Requests), Power BI, Tableau, Google Sheets
- **STATISTICS:** Descriptive, Inferential, Probability, A/B Testing, SPSS, QGIS Tool
- **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), Microsoft Office Suite, Trello, Git, GitHub, Windows OS, Linux, Google Cloud DataCompute
- **IT:** Networking (IP, Topologies, Subnetting, Network Testing)

ACHIEVEMENTS

- **Member of the Computer Society (Association of Computer Enthusiasts)** in college — helped organize tech events and workshops.
- **Appreciated by the Manager** at VAspire Management Consultants for improving data accuracy and explaining useful insights.

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.