

MANISHA CHAUHAN

Data Analyst

✉ manishachauhan0707@gmail.com ☎ +91 7905283122 📍 Noida, India

🌐 linkedin.com/in/manisha-chauhan-413a8815b 🐙 github.com/manisha0146

Summary

Professional Summary

Data analytics professional with 3 years of experience at HCLTech in network operations, performance monitoring, incident analysis, and operational reporting across 100+ global sites. Experienced in analyzing device performance metrics and high-volume alert data, using SQL to identify false or duplicate tickets, and tracking operational KPIs and trends. Skilled in Python, SQL, Excel, Power BI, and data visualization, with a focus on transforming data into actionable insights to support operational decision-making.

Experience

Noida | Analyst – Network Operations & Performance Analytics, HCLTech 12/2020 – 12/2023
Noida, India

Equinor Global Enterprise Network Project

- Analyzed network performance metrics, including CPU, memory, flash utilization, and device availability, across 100+ global sites using LibreNMS, Cisco Prime, and NetOps.
- Used SQL queries to investigate 1,000+ daily device-related alerts and incident tickets, identifying false or duplicate autogenerated tickets for team review.
- Created Power BI visualizations to track network health, recurring incidents, performance trends, and operational KPIs across global network operations.
- Prepared daily network health reports, validated monitoring data, and identified recurring performance issues to support proactive troubleshooting.
- Performed root-cause analysis on incident tickets, alerts, and network logs, coordinating with internal teams and vendors to investigate recurring failures.
- Compared network performance and fault patterns across multiple vendors and sites to support operational analysis and reporting.

Education

Bachelor of Technology – Electronics and Communication Engineering, 2015 – 2019
Rajkumar Goel Institute of Technology Ghaziabad
76%

Skills

language & Querying :

SQL, Python, Pyspark, MYSQL

Data Analysis :

Data Analysis, KPI Design, Pivot Tables, Dashboarding, Trend Analysis

GenAI :

LLM Integration, AI- powered data analysis, OpenAI, Prompt Engineering

BI & Visualization

Power BI, DAX, Tableau, Looker Studio

Cloud :

Cloud Functions, Cloud Scheduler, Compute Engine, Cloud Storage, GCP BigQuery,

Libraries :

Pandas, NumPy, Matplotlib, Seaborn

Independent Projects — Cloud Data Analytics

Airbnb Listings EDA | Python

Skills: Python, Pandas, NumPy, Matplotlib, Seaborn, EDA, Data Cleaning, Generative AI, Prompt Engineering

- Analyzed 48,000+ NYC Airbnb listings to identify pricing patterns, room-type distribution, neighborhood trends, and host activity.
- Cleaned and preprocessed data by handling missing values, converting date columns, and applying Pandas filtering, grouping, and aggregation.
- Created visualizations to compare average prices across boroughs, examine room-type preferences, explore price-review relationships, and identify pricing variations.
- Used Generative AI and prompt engineering to assist with Python code development, debugging, and interpretation of analytical results.

Weather Forecast Batch Pipeline

- Built a serverless pipeline (Python, GCP Cloud Functions, Cloud Scheduler, BigQuery, looker studio) to automate ingestion of live weather data every 15 minutes for historical trend analysis.
- Integrated the Open-Meteo API and structured the pipeline for reliable, unattended scheduled execution — demonstrating automation skills directly transferable to production reporting pipelines.