

VIDIT SINGHAL

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TECHNICAL SKILLS

Programming: Python (Pandas, NumPy, Matplotlib), SQL (Joins, CTEs, Window Functions, Subqueries, Aggregations)

Databases: MySQL, SQLite, PostgreSQL, Query Optimization

Data Analysis: Excel (Pivot Tables, VLOOKUP, Advanced Formulas), Statistical Analysis, EDA, Data Wrangling, Data Cleaning

Visualization: IBM Cognos Analytics, Google Looker Studio, Tableau, Power BI, Dashboard Development

Core Skills: ETL Pipelines, Data Modeling, KPI Development, Report Automation, Business Intelligence

PROFESSIONAL EXPERIENCE

Bharti Airtel Ltd (DNISPL)

NOC Engineer - Analytics

Manesar, Haryana

Mar 2024 – Apr 2025

- Consistently exceeded SLA targets while monitoring network KPIs across 150+ nodes, maintaining 99.5% compliance and reducing downtime by 12%
- Developed automated Excel dashboards with Pivot Tables and formulas, collaborating with 15+ team members to deliver data-driven insights and improve reporting efficiency by 20%
- Analyzed 120+ monthly incidents using statistical methods, partnering with field teams to perform root cause analysis and reduce MTTR by 17%
- Delivered actionable insights to senior leadership and stakeholders, driving data-driven preventive strategies that reduced repeat incidents by 15%
- Streamlined reporting workflows with quality controls, enhancing team efficiency and accuracy by 25%

ANALYTICS PROJECTS

Chicago Socioeconomic Data Analysis | Python, SQL, SQLite, Pandas, Jupyter

Jan 2026

- *GitHub:* github.com/vidit-singhal/python-project
- Analyzed 1,000+ records across Chicago datasets (socioeconomic, schools, crime) using Python (Pandas, SQLite3) and SQL in Jupyter Notebook
- Performed data wrangling and data cleaning to handle missing values, remove duplicates, and ensure 100% data integrity across 3 datasets
- Executed complex SQL queries including JOINS, subqueries, and aggregate functions to extract insights on hardship index and crime trends
- Connected Python to SQLite via DB-API, designed database schema, and loaded CSV data into normalized tables
- Generated data visualizations and actionable insights correlating socioeconomic factors with educational outcomes, presenting findings to stakeholders

Stock Revenue Analysis & Dashboard | Python, Pandas, Matplotlib, BeautifulSoup, Jupyter

Jan 2026

- *GitHub:* github.com/vidit-singhal/python-project
- Extracted 1,000+ data points of stock price and revenue data for Tesla and GameStop using Python (Pandas, yfinance) and web scraping, performing data cleaning to ensure accuracy
- Built financial dashboards with Matplotlib to visualize trends, implementing automated pipelines that reduced data collection time by 60%

EDUCATION

Bachelor of Technology (B.Tech) in Electronics and Communication Engineering

Ajay Kumar Garg Engineering College, AKTU

Ghaziabad, UP

Jul 2019 – May 2023

CERTIFICATIONS

Python for Data Science, AI & Development – IBM (Coursera) | Python Project for Data Science – IBM (Coursera)

Databases and SQL for Data Science with Python – IBM (Coursera) | Introduction to SQL – Simplilearn

Data Analytics Essentials – IBM (Coursera) | Data Visualization and Dashboards – IBM (Coursera)

Excel Basics for Data Analysis – IBM (Coursera)