

NIKHIL

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SUMMARY

Passionate data analyst with a commerce background, skilled in Python, SQL, Power BI, and Excel, leveraging business acumen and technical expertise to extract insights and drive data-driven decisions.

skills

- | | | | |
|------------------|------------------------|--------------------------|------------------------|
| • SQL | • Statistics | • Data Warehousing | • Collaboration |
| • Excel | • Data Visualization | • Descriptive Statistics | • Communication Skills |
| • Python | • Data Interpretation | • Root Cause Analysis | • Attention to Detail |
| • Power BI | • Database Management | • Critical Thinking | • Web Scraping |
| • Data Cleaning | • Machine Learning | • Feature Engineering | • Trend Analysis |
| • Data Wrangling | • Time Series Analysis | • Data Modeling | • Data Cleaning |

WORK EXPERIENCE

Data Analyst Virtual Internship | TATA GROUP by FORAGE, Remote 07/2024 - 08/2024

- Normalized datasets and debugged SQL queries, increasing data accuracy and reducing report errors by 30% and Automated reporting workflows using Power Query, reducing manual processing time by 40%.
- Developed a Power BI dashboard for an insurance client, generating 10+ actionable insights to improve decisionmaking and business performance.

Tools Used: Power BI Desktop, Power Query, My SQL, Power BI Service, DAX functions

PROJECTS

Indian Electoral Analysis | Technologies Used: Python, Pandas, NumPy, Matplotlib, Geopandas [Link](#) 09/2024

- Analyzed 2 datasets from the Election Commission of India (2014 and 2019) across 30+ constituencies in 5 states.
- Generated insights on party performance, including a 46.67% increase in vote share for BJP in Tripura West and a -48.56% decline in Narsapuram.
- Identified the highest NOTA votes in 2014 with 46,559 votes in Tamil Nadu's Nilgiris.
- Created visualizations to illustrate party-wise vote splits, enhancing understanding of voter trends.
- Utilized AI tools to enhance data processing efficiency by 30%.

Music Store Analysis | Technologies Used: Python, MySQL, Jupyter Notebook [Link](#) 09/2024

- Analyzed 1,000+ invoices from the music_store database to extract insights on customer behavior and genre preferences.
- Identified Rock as the most popular genre across 20 countries, enhancing marketing strategies for a promotional festival.
- Determined the top 3 customers by spending, with one customer spending \$144.54 on music.
- Generated queries to identify senior employees and countries with the most invoices, revealing 131 invoices from the USA.
- Implemented AI solutions to streamline data processing and reduce analysis time by 25%.

Railway Ticket Sales Analysis | Technologies Used: Python, Pandas, Power BI, Jupyter Notebook [Link](#) 08/2024

- Analyzed 50,000+ ticket sales records to uncover travel trends, focusing on peak times and top 10 routes.
- Created an interactive Power BI dashboard to visualize sales trends, customer demographics, and seasonal variations.
- Discovered a 30% increase in sales during holiday periods, informing targeted marketing strategies.
- Developed 15 visualizations, enhancing data-driven decision-making by 25%.
- Collaborated with 2 analysts to improve data processing efficiency, reducing analysis time by 20%.

EDUCATION

Bachelor's In Commerce, 07/2023 - Present
SCHOOL OF OPEN LEARNING,UNIVERSITY OF DELHI

Career Essentials in Data Analysis by Microsoft and LinkedIn 06/2024

Career Essentials in Business analysis by Microsoft and LinkedIn 06/2024

Career Essentials in Generative AI by Microsoft and LinkedIn 05/2024