

Aryan Kansal

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PROFESSIONAL SUMMARY

Detail-oriented Data Analyst with expertise in Python, SQL, Power BI, and Machine Learning. Skilled in data cleaning, statistical analysis, data visualization, and data mining. Proven ability to extract actionable insights from complex datasets to drive informed business decisions. Strong communicator with a focus on stakeholder engagement and delivering data-driven solutions to enhance strategic impact.

EDUCATION

PG Program in Data Analytics, Machine Learning and Neural Networks, Data Trained 08/2024 – 06/2025
Bachelor's in Computer Applications, Indra Gandhi National Open University CGPA - 7.58 07/2021 – 07/2024

PROFESSIONAL EXPERIENCE

Data Analyst Intern, Code Alpha 10/2024 – 11/2024

- Cleaned and preprocessed large datasets (100,000+ rows), handling missing values, outliers, and inconsistencies to improve data quality and integrity.
- Developed an LSTM-based stock price prediction model, boosting prediction accuracy by 15% compared to the baseline model.
- Conducted exploratory data analysis (EDA), deriving actionable insights and presenting findings to stakeholders, significantly enhancing forecasting strategies and decision-making processes.

SKILLS SUMMARY

Languages: Python, SQL, C++, Java
Libraries: Pandas, Numpy, Scikit-Learn, Matplotlib, Seaborn
Tools: Power BI, Excel, MySQL, SSMS, PowerPoint
Platform: PyCharm, Jupyter Notebook, Google Colab, Visual Studio, IntelliJ IDEA
Soft Skills: Problem-solving, Analytical Thinking, Communication, Attention to Detail, People Management

PROJECTS

Cricket Data Analytics Project, Web Scraping Python Excel Power BI 09/2024 – 11/2024

- Extracted and processed over 20,000 data points from ESPNcricinfo using Python, building a structured dataset with more than 100,000 rows for in-depth analysis.
- Analyzed player statistics from 50+ T20 World Cup 2023 matches using Pandas and Power BI, uncovering key performance trends and actionable insights.
- Developed and enhanced an interactive Power BI dashboard with 10+ visualizations, enabling real-time exploration of 20+ metrics for strategic decision-making.

Credit card financial dashboard, Power BI SQL EXCEL 07/2024 – 08/2024

- Designed and improved an interactive Power BI dashboard to provide real-time financial insights from customer transaction data, streamlining decision-making.
- Optimized data analysis workflows, reducing report generation time by 30% and boosting operational efficiency.
- Delivered actionable insights to stakeholders, driving a 10% improvement in customer retention strategies.

Coffee Shop Sales Analysis, SQL POWER BI EXCEL PQE(power query editor) 05/2024 – 07/2024

- Extracted and transformed sales data from backups containing 700,000+ records using SQL, ensuring data accuracy and usability.
- Analyzed customer purchase behavior to optimize pricing strategy, contributing to a 10% increase in revenue potential.
- Expanded an interactive Power BI dashboard, uncovering key sales trends and enhancing decision-making efficiency by 20%.

CERTIFICATES

- Exploratory Data Analysis By Infosys
- Data Structure with C++
- Excel for Intermediate – Great Learning
- Data Science With Python – Great Learning
- SQL for Data Science – Great Learning
- Artificial Intelligence with Python – Great Learning