

ARPITA

arpitapanchal44556@gmail.com | 9910737105

EDUCATION

KRISHNA VIDHYA NIKETAN

CBSE, SECONDARY
EXAMINATION(10TH)
April 2019 | Ghaziabad

KRISHNA VIDHYA NIKETAN

CBSE, SENIOR SECONDARY
EXAMINATION(12TH)
April,2021

KIET GROUP OF INSTITUTIONS

COMPUTER SCIENCE AND
ENGINEERING
Delhi-NCR (Affiliated to A.K.T.U.) |2025

LINKS

Github:

<https://github.com/Arpitapanchal>

LinkedIn: www.linkedin.com/in/arpita-panchal-0b013424

Portfolio:

<https://arpitapanchal.github.io/portfolio/>

SKILLS

PYTHON • C++ • MySQL

•PowerBI • Networking • DSA
Problem solving•• Data Analytics

Familiar:

Machine Learning • Artificial Intelligence

EXTRA-CURRICULAR

- PRESIDENT OF KIET DANCE SOCIETY
- WINNER of Departmental Solo Dancing Competition twice.
- PR head at E-cell.
- Winner at Rangoli competition .

CERTIFICATIONS

MICROSOFT AND LINKEDIN

CAREER ESSENTIALS in Data
Analysis

LINKEDIN LEARNING

Human Resources Foundations

CAPGEMINI

Certificate Course on Data Analytics
and power BI.

IBM

Python for Data science,AI and
development.

PROJECTS

STUDENT MANAGEMENT SYSTEM | | PYTHON PROGRAMMING

- Designed and developed a desktop application using Python and Tkinter for managing student data, ensuring efficient CRUD operations.
- Created a user-friendly GUI with input fields, search functionality, and data display using Tkinter.
- Developed and managed a reliable SQLite3 database for student records, resolving technical issues in database operations and GUI interactions with strong problem-solving skills.

DIGITAL MUSIC STORE DATA ANALYSIS | SQL PROGRAMMING

- Performed advanced SQL analysis on a music store database to extract insights and identify trends, patterns, and customer behaviors.
- Utilized data aggregation, joins, subqueries, common table expressions (CTEs), and window functions to perform complex queries, ensuring efficient and effective data analysis.

SAATHI | MACHINE LEARNING

- Designed an automated system for student mental health detection using Cognitive Behavioral and Therapy Behavioral Activation(BA), leveraging machine learning models and BERT for natural language processing. Achieved secure, human-like chatbot interactions and focused on improving model accuracy and dataset expansion for effective early mental health intervention.

EXPLORATORY-DATA-ANALYSIS(EDA) | PYTHON

- Conducted Exploratory Data Analysis (EDA) on retail sales data using Python libraries like Pandas and Matplotlib to uncover key sales trends and patterns.
- Utilized advanced statistical techniques and data visualization tools to identify insights into customer behavior, product performance, and seasonal trends.

EXPERIENCES

POWER BI INTERN | COGNIFYZ TECHNOLOGY

March,2024

- Analyzed complex data structures,Contributed to create insightful reports and dashboards
- Gained practical knowledge and understanding of Power BI capabilities for data-driven decisions.

DATA SCIENCE AND MACHINE LEARNING INTERN | YBI FOUNDATION

December, 2023

- Applied statistical techniques for real-world problem-solving, Leveraged algorithms for pattern deriving.
- Assisted in developing machine learning models and data analysis techniques, leveraging Python and SQL to extract actionable insights and support data-driven decision-making.