Piyush Kumar

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EDUCATION

Guru Gobind Singh Indraprastha University — New Delhi, India
Bachelor of Technology in Computer Science and Engineering : 8.4 — *2021 - 2025*
St. Mark's Sr. Sec. Public School — New Delhi, India
PCM with Computer Science : 85.2 — *2009 - 2021*

TECHNICAL SKILLS

Programming Languages: Python, C++, C, SQL
Libraries and Tools: Microsoft Excel, Power BI, PyTorch, Bootstrap, Pandas, Numpy, Matplotlib, Seaborn, Git, Github, VSCode, ChatGPT
ML Architectures: CNN, GAN

PROJECTS

COVID Portfolio Project - Data Exploration - SQL — **March 2024**
Github Link

- **Utilized Advanced SQL Techniques**: Employed **joins, CTEs, temp tables, and window functions** to analyze COVID-19 data comprehensively. Extracted insights on total cases, deaths, infection rates, and vaccination rates across diverse locations.
- **Developed Data Visualization Views**: Created **views** to store processed data for visualization. Calculated key indicators like death percentages, population infection rates, and vaccination percentages.
- **Informed Data-Driven Strategies**: Identified high infection and death rates per population, and significant impacts across continents.

Bike Sales Dashboard - Microsoft Excel — **April 2024**
Github Link

- **Created Bike Sales Dashboard**: Developed an **Excel dashboard using PivotTables** for efficient bike sales data analysis.
- **Enhanced with Visualizations**: Incorporated charts and graphs to visualize sales trends and customer demographics, aiding in quick insights extraction.

CERTIFICATIONS

- **Microsoft Excel Beginner to Advanced w/ Data Analysis 101 - Udemy** :Microsoft Excel A to Z with Excel Data Analysis, Excel Dashboards. A complete MS Excel Beginner to Advanced Course! Certificate
- **The Complete Python Programming Course: Beginner to Advanced - Udemy**: Python with projects covering web scraping and data visualization! Certificate
- **SQL Masterclass: SQL for Data Analytics - Udemy**, SQL course covering basic to advanced SQL topics for SQL Database. Beginner friendly SQL training Certificate

COURSEWORK

- Statistics, Statistical Modelling and Data Analytics
- Database Management System
- Probability, Statistics and Linear Programming
- OOPS using C++
- Programming in Python
- Artificial Intelligence

EXTRACURRICULAR ACTIVITIES

- **Event Coordinator** in College Sports Fest - Astitva - February 2024
- **Senior Council Member** in College Football Team - 2022 - Present
- **Member** in Awaaz - Cultural Student Society - 2022 - 2023
- **Member** in Quintessence - Debate Society - 2022
- **Member** while organising all college fests including the annual fest - Awaaz - 2022-2023