ABHISHEK KUMAR

Portfolio: Abhishek Kumar
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EDUCATION

- **Dayananda Sagar University** — Bangalore, India
  Bachelor of Technology - Computer Science; GPA: 6.6 — *July 2018 - June 2022*

- **Army Public School** — Bangalore, India
  Intermediate - Science; Percentage: 64 — *June 2018*

SKILLS

- **Languages**: Python, C++, SQL, JAVA, PySpark
- **Tools**: Pandas, Numpy, Microsoft Azure, Tableau, MySQL Workbench, Power Bi, Ms Excel
- **Soft Skills**: Team Work, Event Management, Logical Reasoning, Public Speaking, Time Management

EXPERIENCE

- **JetSynthesys, Pune** — Oct 2023 - Apr 2024
  Software Engineer
  - **Automated data processing and analysis with Python**: Leveraged Python to streamline data processing and analysis, enhancing content performance insights.
  - **YouTube Data API** : Extracted and analyzed data via youtube data api, enabling real-time access to key audience metrics
  - **Data-driven visual reports**: Produced visual reports to support strategic decisions, transforming complex data into actionable insights.

PROJECTS

- **Heart Attack Analysis And Prediction Using Machine Learning - Logistic Regression, Random Forest, SVM, Tableau**: This project involves analyzing heart attack datasets and building predictive models using machine learning techniques. It aims to provide insights into key factors influencing heart disease and to classify patients as being at risk or not using various machine learning algorithms. (November 2024)

- **Paris Olympics Data Analysis Project - DataFactory, DataLake, DataBricks, SynapseAnalytics, PowerBi**: Designed and implemented an end-to-end data pipeline leveraging Microsoft Azure services and Power BI to extract, transform, load (ETL), and visualize data related to the Paris Olympics. Utilized a Kaggle dataset to perform data transformations and generate actionable insights, showcasing expertise in cloud-based data engineering workflows and advanced analytics. (October 2024)

- **Stock Price Analysis and Forecasting - Web Scraping, Prophet, visualization**: Developed a stock analysis and forecasting pipeline using web scraping, data cleaning, and machine learning to visualize trends and predict Tesla's stock prices, adaptable for any stock with historical data. (September 2024)

- **Amazon Web Data Scrapping Python - BeautifulSoup, Requests**: Built a Python tool to scrape sneaker data from Amazon, tracking prices, availability, and trends using BeautifulSoup and requests, with data storage and visualization for informed decision-making. (September 2024)

- **World Population Analysis - Pandas, Seaborn, Matplotlib**: Analyzed world population trends (1970-2022) using Pandas, Seaborn, and Matplotlib. Cleaned data, performed statistical analysis, and visualized growth patterns by continent with heatmaps, line charts, and box plots. (July 2024)

- **Airbnb Data Analysis and Visualization - MsExcel, Tableau**: I cleaned and prepared an Airbnb dataset from Kaggle using MS Excel and visualized key insights like pricing trends and host responsiveness in Tableau. This project highlights my skills in data cleaning, visualization, and deriving actionable insights for data-driven decision-making. . (June 2024)

- **Layoffs Data Analysis - MySQL**: Analyzed layoffs data from Kaggle using MySQL. Performed data cleaning. Key tasks included handling missing values, normalizing company and location names, and formatting dates for consistency. (May 2024)

CERTIFICATIONS AND AWARDS

- **Data Analytics Essentials : Cisco Networking Academy** (November 2024)
  - Gained proficiency in data analytics processes, data transformation, statistical analysis, and hands-on experience with Excel, SQL, Tableau, and other tools.

- **Microsoft Azure Essentials : Great Learning** (November 2024)
  - Covered foundational cloud computing concepts, Microsoft Azure services, creating resources, and basics of security and governance in Azure.

- **NCC 'C' Certificate (Grade A) : 2 Karnataka Air Squadron (T) NCC** (October 2022)
  - Demonstrated excellence in discipline, leadership, and team coordination.