ABHISHEK KUMAR

Portfolio: Abhishek Kumar
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EDUCATION

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

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

SKILLS

- **Languages**: Python, C++, SQL, JAVA
- **Tools**: Vs Code, Jupyter Notebook, Tableau, MySQL Workbench, Power Bi, Ms Excel
- **Soft Skills**: Team Work, Event Management, Logical Reasoning, Public Speaking, Time Management

EXPERIENCE

- **JetSynthesys, Pune**
  Consultant
  Remote
  Oct 2023 - Apr 2024

  - **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

- **Stock Price Analysis and Forecasting (Web Scraping,Prophet)**: 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. **Skills Applied: Web scraping, data preprocessing, visualization, and machine learning for time series forecasting**. (October 2024)

- **Real-Time Cryptocurrency Market Analysis (CoinMarketCap API)**: Developed a real-time cryptocurrency market analysis pipeline using the CoinMarketCap API to extract, process, and visualize data trends for top cryptocurrencies, showcasing skills in API integration, data processing, and visualization for financial analysis. **Skills Applied: Leveraged API integration, real-time data processing, and visualization expertise, highlighting a strong foundation in data analysis for financial applications.** (September 2024)

- **Amazon Web Data Scrapping (Python, BeautifulSoup, Requests)**: Developed a real-time Amazon sneaker data scraper using Python, BeautifulSoup, and Requests to monitor brand, price, and review metrics. **Skills Applied: web scraping, data manipulation, and real-time monitoring to enable data storage and visualization for trend analysis**, discount tracking, and informed purchasing decisions, all while adhering to ethical scraping guidelines. (May 2024)

- **World Population Analysis(An Exploratory Data Analysis with Pandas)**: 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. **Skills Applied: Data Cleaning, Statistical Analysis, Data Visualization (Pandas, Seaborn, Matplotlib), Correlation Analysis, Trend Analysis**. (May '12)

- **Airbnb Data Analysis and Visualization (Kaggle, 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. **Skills Applied: Data Cleaning (MS Excel), Data Visualization (Tableau), Data Analysis, Data Preparation, Dashboard Creation, Insight Generation**. (August 2024)

- **Data Professional Survey Breakdown**: Analyzed survey data of data professionals to explore career roles, industry trends, compensation, and job satisfaction. Utilized MS Excel for data cleaning and Power BI for visualization to uncover key insights on career transitions and industry challenges. **Skills Applied: Data Cleaning, Data Visualization, MS Excel, Power BI, Data Analysis.** (October 2024)

- **Layoffs Data Analysis**: 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. **Skills Applied:MySQL, Data Cleaning, SQL, Data Normalization, Data Structuring.** (June 2024)

HONORS AND AWARDS

- Project Expo 2022 : **Media Forensics and Detection of Fake Images Using Machine Learning**
  Top 5 Projects at Project Expo 2022 - June 2022
  This project developed a machine learning model for detecting fake images, enhancing media forensics by identifying image tampering (splicing, retouching, or CGI). By analyzing patterns in image data, the model distinguishes real images from fakes, providing a robust tool for verifying authenticity in fields like journalism, cybersecurity, and social media integrity.