Hardeep Singh

DATA ANALYST

Dynamic Data Analyst with a proven track record in interpreting and analyzing data to drive successful business solutions. Proficient in statistical techniques and advanced analytics, committed to transforming complex datasets into actionable insights.

✉ hardeepsaharan000@gmail.com   📱 82995073107   📍 JIND

WORK EXPERIENCE

DATA ANALYST
The Core system

01/2021 - Present   *Chandigarh*

Achievements/Tasks

- Interpreting data, analyzing results using statistical techniques
- Developing and implementing data analyses, data collection systems and other strategies that optimize statistical efficiency and quality.
- Acquiring data from primary or secondary data source and maintaining databases.
- Develop automated scripts in Python/SQL to extract data from diverse sources like APIs, databases, and flat files.
- Create data pipelines using tools like pandas, SQL joins, or APIs to merge and transform datasets efficiently.
- Implement data validation checks and error handling mechanisms to ensure data quality and integrity.
- Perform unit tests and validation checks on analytical code to ensure accuracy and reliability.
- Participate in agile methodologies and collaborate with cross-functional teams to streamline data workflows and address business requirements.
- Identify and implement process improvements using coding techniques to optimize analysis pipelines.

EDUCATION

Master Of Arts
Mharisi Dayanand University

02/2022 - Present   *Rohtak*

BSC Maths(hons.)
D A V University

07/2016 - 06/2019   *Jalandhar*

12th
Haryana Board Of Secondary Education

2015 - 2016

SKILLS

Python   MySQL   Tableau   Power BI

Advance Excel   DBMS   Machine learning

PERSONAL PROJECTS

Student Mangement Using Python
- Streamlined administrative tasks, reducing data entry time by 40% and providing actionable insights for faculty to support student performance and improve overall educational outcomes.
- Technologies Used: Python (SQLite, Tkinter, Pandas, Matplotlib, NumPy),Data Modeling and Database Management User Interface Design and Development,Data Analysis and Visualization

Data Cleaning Project
- Managed comprehensive data cleaning project, ensuring accuracy and integrity of large datasets. Employed Python and SQL to automate cleaning processes, enhancing efficiency by 40%. Leveraged data visualization tools to identify and rectify anomalies, demonstrating keen attention to detail and problem-solving skills.

Spam Detection Project
- Developed and implemented a robust spam detection project utilizing machine learning algorithms to accurately identify and filter spam emails. Leveraged Python and machine learning libraries to analyze large datasets, improving accuracy . Proficient in natural language processing, data preprocessing, and model evaluation techniques for effective spam detection.

Web Data Scraping Project
- Led a comprehensive web data scraping project, utilizing Python and BeautifulSoup to extract targeted information from multiple websites. Proficiently employed data cleaning and parsing techniques, ensuring accuracy and reliability of the gathered data. Demonstrated expertise in web scraping methodologies, data manipulation, and automation, resulting in streamlined processes and valuable insights.Skills highlighted: Python, BeautifulSoup, web scraping, data cleaning, data parsing, automation.

Sentiment Analysis
- Led a sentiment analysis project utilizing natural language processing techniques to gauge customer sentiment from social media data. Applied machine learning algorithms and sentiment analysis tools to extract insights, contributing to a 20% increase in customer satisfaction. Proficient in Python, machine learning, NLP libraries (such as NLTK and SpaCy), and data visualization tools (like Matplotlib and Seaborn)."

LANGUAGES

Hindi
Full Professional Proficiency

English
Full Professional Proficiency