BHAVNEET KAUR

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# OBJECTIVE

To leverage my strong analytical skills and experience in data analysis to contribute to a dynamic organization Seeking a challenging role as a data analyst where I can utilize my technical expertise to identify insights and trends, optimize data quality and accuracy, and deliver actionable recommendations to support business objectives.

# TECHNICAL SKILLS

* Python and it's libraries such as Pandas, NumPy, Scikit-learn, Matplotlib, NLTK
* SQL (MYSQL, PL SQL)
* Power BI for data visualization
* Tableau for data visualization
* MongoDB/Pymongo
* Apache - Hadoop, Hive, Pig, Sqoop
* Machine Learning algorithms/concepts such as Linear Regression, Logistic Regression, Sentiment Analysis, Feature Extraction

# SKILLS

* Excellent communication skills, both verbal and written
* Excellent organizational, multi-tasking and time management skills
* Strong Teamwork and Collaboration Skills
* Strong Analytical Thinking
* Strong problem-solving skills
* Being open to change and new ideas

# WORK HISTORY

*(Project Engineer),* WIPRO TECHNOLOGIES, INDIA July 2019 - December 2022

* Report and Dashboard Development:
  + Proficient in developing comprehensive reports and interactive dashboards using **Jasper iReport** and **Power BI** for various project modules.
* SQL Query Development:
  + Expertise in crafting **SQL queries (majorly using group by, having and order by)** tailored to extract and analyze data for diverse modules, ensuring accurate and meaningful reporting.
* Client Requirement Implementation:
  + Successful track record of translating client requirements into actionable reporting solutions, aligning with project objectives and enhancing client satisfaction.
* Issue Resolution:
  + Adept at handling and resolving issues related to reports promptly, ensuring data integrity and reliability in analytical outputs.
* Production Issue Management:
  + Proven ability to manage and resolve production-related challenges, maintaining uninterrupted and efficient reporting processes.
* UI Issue Resolution:
  + Skilled in addressing UI issues specific to reports, ensuring a seamless and user-friendly experience for stakeholders.

# EDUCATION

*ONTARIO GRADUATE CERTIFICATE IN BIG DATA ANALYTICS* January 2022 – September 2024

Lambton College, Mississauga, ON

* Big Data Technologies such as Hadoop, Python, Machine Learning, NLP, NoSQL

*BACHELORS IN COMPUTER SCIENCE AND ENGINEERING* August 2015 - May 2019

Chandigarh University, Mohali, India

* Core concepts of computer programming such as Data Structure algorithms, OOPS

# PROJECTS

* Pandemic in numbers a data analysis :
  + Conducted in-depth data analysis on the global pandemic by leveraging Python's pandas and numpy libraries to clean and preprocess COVID-19 data sourced from various websites.
  + Employed advanced data cleaning techniques to ensure data accuracy and reliability for subsequent analysis.
  + Designed and developed a comprehensive Power BI dashboard to visually represent key pandemic metrics, including deaths, recoveries, and total cases.
  + Utilized Power BI to showcase insightful trends and patterns, offering a clear understanding of the impact across different regions.
  + Applied expertise in data visualization to communicate complex findings effectively to stakeholders.
  + Key Technologies: Python, pandas, numpy, Power BI, Data Cleaning, Data Analysis,

Visualization, Global Pandemic Data.Sentiment analysis of IMDB movie reviews

Conducted sentiment analysis on IMDB movie reviews using machine learning techniques, including Logistic Regression, Linear SVM, and Multinomial Naïve Bayes, to assess audience opinions.

Applied feature extraction methods like Bag of Words (BOW) and Term Frequency-Inverse Document Frequency (TF-IDF) for improved model accuracy in capturing nuanced sentiments.

Employed Python's pandas library for comprehensive data cleaning and preparation, ensuring the dataset's quality and reliability for subsequent analysis.

Utilized NLTK library for text preprocessing, enhancing the quality of textual data for sentiment analysis and fostering more accurate model predictions.

Demonstrated proficiency in a diverse set of technologies, including Python, pandas, NLTK, and machine learning algorithms, showcasing a robust skill set in data analysis and natural language processing.

Key Technologies: Python, pandas, NLTK, Machine Learning, Logistic Regression, SVM, Naïve Bayes, Bag of Words (BOW), TF-IDF, Sentiment Analysis, Data Cleaning, Text Preprocessing.

# REFERENCE