

As a part of ETL (Extract, Transform, Load) Process, vital hiring data is extracted from the datasets. Extracted data is then transformed using Python. Analyzed the data using Python. Used Power BI to created Dashboard to acquire deep insights of the data.

Insights from the data

- The dataset has 1599999 entries with total 6 columns. In the 6 columns, 3 are objects, 2 are numerical and 1 date-time data types.
- Used Natural Language Processing (NLP) helps machines process and understand the human language so that they can automatically perform repetitive tasks like machine translation, summarization, classification, and spelling check.
- Built a machine learning model that is capable of analyzing large twitter texts and judging the sentiments behind the texts, if they are of positive, negative.
- Data preprocessing is an important step in the data mining process. It involves cleaning, transforming, and integrating the data to make it suitable for analysis.
- Stemming is a method in text processing that eliminates prefixes and suffixes from words, transform them into their fundamental form. The main objective of stemming is to standardize words, enhance the effectiveness of the natural language processing tasks.