Name - Soumyadip Adhikari

Roll number - 2107021

Subject - Assignment 1.1



Examples of Database Management Projects in Python include :-

1. General purpose database systems like Informix, MySQL,Oracle etc.
2. Embedding Applications based database systems like SQLite,ThinkSQL,asql and GadFly.
3. **Raw Data in Database Systems like** Read or WriteFile,Spreadsheets (CSV) and Spreadsheets (xlsx, xls).

Examples of ML projects in Python include:-

1. Spam Email Classification.
2. Sentiment Analysis using text.
3. Image classification

IV)Fraud detection in transactions

Examples of AI projects using python are:-

1. Chatbot
2. Virtual Assistant
3. Speech recognition systems
4. Autonomous vehicles

Examples of Data Science projects using python are:-

1. Exploratory data analysis
2. Predictive analysis
3. Customer segmentation
4. Fraud detection
5. Python libraries used in different IT domains are:-

I)Pandas library is used in various IT domains like Data Analysis,Data Science and Machine Learning,Business Analytics,Data visualization etc.

II) numpy library is used in various IT domains like Data Science and Machine Learning, Scientific computing, Image and signal processing,Computational mathematics etc.

III)matplotlib library is used in domains like Data visualization,Data analysis and exploration,Machine learning, finance and economics etc.

IV)tkinter library is used in domains like GUI(Graphical User Interfacing), Desktop application development,Education and e-learning,Gaming and entertainment etc.

V)sklearn library is used in domains like Data Science, Machine Learning,Data mining,natural language processing etc.

VI)tensorflow library is used in domains like Machine Learning,Deep Learning,Artificial Intelligence,Natural language processing etc.