

KESINENI NAVEEN

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Objective

Enthusiastic fresher with a strong foundation in Python, SQL, and Power BI. Proficient in Python libraries such as NumPy, Pandas, Seaborn, Matplotlib, and Scikit-learn for data analysis and visualization. Skilled in transforming data into actionable insights using SQL and Power BI dashboards. Eager to contribute analytical and technical skills to drive data-driven decision-making in a dynamic organization.

Skills

- PYTHON
- PYTHON LIBRARIES:- Numpy, Matplotlib, Seaborn, Pandas, Tkinter and scikit-learn
- Microsoft PowerBI
- Microsoft SQL server
- Advance Microsoft Excel
- Basics of Data structures and algorithms with Python

Projects

• 1. Automated Resume Screening System

Description: Create an automated system to screen resumes for job applications based on predefined criteria.

Key Features:

Extract text from resumes (PDF or Word formats).

Identify key skills, experience, and education qualifications.

Rank candidates based on their match score to the job description.

Technologies:

Python Libraries: PyPDF2 or pdfplumber for extracting text.

spaCy/NLTK: Natural Language Processing for analyzing resumes and job descriptions.

Pandas: Organize candidate data and calculate scores.

Flask/Django: Deploy as a web app for HR teams.

• 2. Sales Analysis and Forecasting Dashboard

Description: Create a sales analysis and forecasting dashboard that combines data extraction, transformation, visualization, and predictive insights.

Python Tasks:

Use Pandas to clean and preprocess the sales data.

Use Matplotlib and Seaborn for exploratory data analysis (EDA) and visualizing trends.

Implement forecasting using statsmodels or scikit-learn.

SQL Tasks:

Extract data from a database containing sales records using SQL queries.

Write queries to aggregate sales by region, product, and time.

Power BI Tasks:

Build an interactive dashboard to show key sales metrics like revenue, profit margins, and product-wise performance.

Include predictive insights from Python models using Power BI's Python visuals.

• 3. AI-Powered Virtual Assistant

Description:

Build a virtual assistant that can perform tasks like answering questions, managing calendars, and setting reminders.

Key Features:

Voice recognition for commands.
Integration with APIs like Google Calendar or Weather API.
Text-to-speech (TTS) and speech-to-text (STT) functionality.
Technologies:

SpeechRecognition: For voice input.
pyttsx3: Text-to-speech functionality.
API Integration: For tasks like fetching weather or scheduling events.
Natural Language Toolkit (NLTK) or spaCy: For understanding user queries.

• **4. Personal Expense Tracker and Budget Planner**

Description: Develop a Python application to track expenses, analyze spending habits, and create a personalized budget plan.

Key Features:

Track expenses by category (e.g., food, rent, entertainment).
Generate monthly and yearly spending reports.
Set budget limits and provide alerts when exceeding them.
Technologies:

Pandas: Data preprocessing and aggregation.
Matplotlib/Seaborn: Visualizing spending trends and budget utilization.
SQLite: Store transaction data in a lightweight database.
Tkinter/Flask: Build a simple UI or web interface for user interaction.

Technical Skills

- Data Collection
- Data Cleaning & Preprocessing
- Data Transformation
- Exploratory Data Analysis (EDA)
- Data Visualization
- Data Modeling
- Model Evaluation
- Database Management
- Reporting & Dashboard Creation
- Data Integration

Education

Course / Degree	School / University	Grade / Score	Year
B-Tech	Dhanekula institute of engineering and technology	6.5	2022

Achievements & Awards

- Certified from greatlearning on python and powerBI
- Certified from simplilearn on python and sql
- Participated in data analyst workshop's
- Certified from greatlearning on Numpy, pandas, matplotlib, seaborn and scikit-learn.

Interests

- Learning new skills, Reading book's and watching Movies

Languages

- English
- Telugu