KAJAL THAKARE

Data Scientist

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SUMMARY

Dedicated Data Scientist with expertise in SQL, Python, and Excel. Experienced in analyzing complex datasets and creating recommendation systems and interactive dashboards. Proven ability to improve customer satisfaction and operational efficiency through data-driven insights. Skilled in machine learning, data visualization, and statistical analysis. Strong in data management, report creation, and presenting findings to stakeholders. Passionate about using data to enhance business performance.

SKILLS

TensorFlow   **Keras**   **Tableau**   **PowerBI**   **AdvanceExcel**

GitHub   **ScikitLearn**   **MongoDB**   **SQL**   **Python**   **OOP**

MachineLearning   **Statistics**   **Deployment**   **AWS**   **Azure**

DeepLearning   **ANN**   **CNN**   **RNN**   **NLP**   **Time Series**

EXPERIENCE

Data Scientist Intern

Learn Bay

📅 05/2023 - 04/2024

- **Project: Personalized Learning Path Recommendation**
- **Objective:** To develop a recommendation system to create personalized learningpaths for students based on their individual performance and preferences.
- **Data Collection:** Gathered data on student performance, learning preferences,and course interactions.
- **Feature Selection:** Identified relevant features such as past performance,engagement metrics, and course completion rates.
- **Data Preprocessing:** Cleaned and normalized data.
  Applied collaborative filtering and content-based filtering Techniques.
- **Modeling and Evaluation:** Implemented recommendation algorithms usingTensorFlow and Keras.
  Evaluated model performance using precision, recall, and F1 score.
- **Technologies Used**: Python, TensorFlow, Keras, SQL
- **Key Achievements:** Increased course completion rates by25%.Enhanced student satisfaction by 20%
  Validated effectiveness with A/B testing, leading to a 15% improvement in recommendation accuracy.

Data Executive Officer

Vat IT

📅 03/2021 - 11/2022   📍 Thane

- Expertly managed data cleaning and processing, ensuring accuracy and reliability
- Proficiently utilized Salesforce for efficient data management and analysis
- Specialized in reviewing invoices for VAT reclaim, ensuring compliance, and providing detailed reports to management

CERTIFICATION

Advanced Data Science and Artificial Intelligence

Data Science Methodology and Tools

Project Completion (Fraudulent Transaction Detection)

PROJECTS

Invoice analysis and vat reclamation Dashboard

(PowerBI | Excel) Vat IT

- Collected and cleaned historical data to ensure accuracy.
- Imported and transformed cleaned data into Power BI, creating interactive dashboards that visualized key financial metrics and track the invoices.
- Conducted exploratory data analysis (EDA) to uncover insights, identify patterns, and optimize financial processes, enhancing decision-making and strategic planning.

Inventory Management System

[Excel | SQL]

- Developed a comprehensive Inventory Management System database, incorporating constraints, triggers, foreign keys, and primary keys for robust data management.
- Implemented automatic order placement based on stock levels, achieving 100% stock availability and eliminating out-of-order instances.
- Automated record entry and report generation, resulting in 80% more efficient inventory management and a 40% increase in sales.

Movie Recommendation System

- Evolved a Movie Recommendation System Using Python, focusing on algorithm-free methodologies to suggest the top 5 movies based on user preferences.
- Achieved 75% higher user engagement by delivering personalized movie recommendations through innovative Python-based methodologies.
- Streamlined movie selection processes and contributed to a 20% increase in sales.

Converse AI Chatbot

- Designed and built a conversational AI chatbot using natural language processing (NLP) techniques with 95% accuracy.
- Implemented TF-IDF vectorization to analyze and transform user input into meaningful representations for accurate response generation.
- Created a responsive chatbot capable of understanding and engaging users effectively through advanced text processing techniques without relying on traditional machine learning algorithms.

Soft Skills

Problem Solving   Creativity   Communication

EDUCATION

BBI Bachelors of Banking and Finance(Insurance)
Mumbai University
📅 08/2018 - 04/2020   📍 Mumbai

Advance Data Science and AI
Learn Bay