KOTHAKOTA Aaksshay

Data Scientist

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Profile

I am dedicated and aspiring data scientist with strong foundation in computer science. My career goal is to utilize my data science skills and abilities to contribute to organizational growth and my own professional development. I am actively seeking a challenging position in a well established organization that offers opportunities for continuous learning and competence enhancement in the field of data science.

Education

MCA in DATA SCIENCE, *Jain University*
07/2023 – present
Bangalore, India

B. TECH (COMPUTER SCIENCE AND ENGINEERING),
GANDHI INSTITUTE OF SCIENCE AND TECHNOLOGY
07/2019 – 06/2023
Rayagada, India

Courses

CISCO CERTIFIED NETWORK ASSOCIATE, *CENTRAL TOOL ROOM TRAINING CENTER*
Rayagada, India

DATA SCIENCE, *360 DIGI TMG*
Hyderabad, India

Skills

Python	SQL
POWER BI	MACHINE LEARNING
DATA ANALYSIS	ETL (EXTRACT ,TRANSFORM ,LOAD)
Advanced Excel	Data Visualization
Statistical Analysis	Strategic Planning
Performance Metrics	

Professional Experience

Intern, *TEACHNOOK*
10/2022 – 11/2022
Bangalore, India

Successfully completed a Data Science with Python Internship at IBM.
- Notable achievements include completing a major project on Exploratory Data Analysis (EDA) using Python on student performance and a minor project on creating a Countdown timer using Python.

Projects

OPTIMIZATION IN SUPPLY CHAIN MANAGEMENT
08/2023 – 10/2023

Developed and proposed an advanced demand forecasting system
- Utilized LSTM (Long Short-Term Memory) models for accurate predictions
- Leveraged historical data and customer order patterns
- Incorporated various influencing factors for comprehensive forecasting

- Focused on optimizing inventory management through data-driven approaches
Aimed to maintain an optimal balance between supply and demand in the system
- Technology Stack :
- Database : MySQL
- Programming Language : Python
- Libraries Used : Numpy, Pandas, Sklearn, Matplotlib, Scipy
- Deployment Tools : Streamlit
- Visualization : Power BI

TEXT EXTRACTION FROM STORE BILLS   12/2023 – 01/2023

Business Problem: Manually entering data from retail store bills is labor-intensive and error-prone.
Role and Responsibilities: Led a team to develop and implement a text extraction system for store bills. Collaborated with stakeholders to gather requirements and ensure the system met business needs. Analyzed store bill data to identify patterns and trends. Integrated text extraction into existing systems for seamless workflow.
Technology Used: Employed OCR technologies, specifically [mention OCR tool/library]. Utilized a Large Language Model (LLM) for context-aware information extraction. Developed using Python for coding and data manipulation.

Certificates

Data Science using Python Programming	Data Visualization using Power Bi	Python 101 for Data Science Certification
By 360 Digi TMG , INDIA	BY 360 Digi Tmg India	BY IBM

Languages

- English	- Hindi	- Telugu

Interests

- EXPLORING AI TOOLS	- LISTENING MUSIC

Awards

POSTER PRESENTATION and Flim Making, *By College*