SHASHANK KUMAR PANDEY

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SUMMARY

As a Data Science and Analytics professional, my objective is to excel in data visualization, predictive modeling, and data administration to drive compelling business value. I strive to successfully execute data projects and continuously enhance my technical and analytical skills to proficiently manage and analyze data. My goal is to contribute effectively to data-driven decision-making processes and leverage data-driven insights for business growth and success.

EDUCATION

Masters in Data Science
Apr '22 - Aug '24

Liverpool John Moores University
Liverpool,UK

- **Course Modules:**
  - **NLP AND LLMS**

Executive PG Programme in Data Science
Apr '22 - Apr '23

IIIT Bangalore
Bengaluru, IN

- **Course Modules:**
  - Data Analysis using SQL | Introduction to Python | Machine Learning -Linear Regression,Logistic Regression,Random Forest,Clustering
  - Time Series Analysis | Telecom Churn Case Study | Lexical Processing ,AdvanceML
  - Deep learning-ANN,CNN,CV,RNN,Capstone Project

Bachelor of Technology In Electronics Engineering
Aug '16 - Sep '20

Institute of Engineering and Rural Technology
Prayagraj, IN

- Secured 81.5%

PROFESSIONAL EXPERIENCE

Associate Data Quality Analyst
Sep '22 - Present

PromptCloud Technology
Bengaluru, IN

1.Utilized various LLM models such as GPT and BERT for implementing data scraping automation projects.

2.Implemented an automated email service to provide weekly ecommerce insights to clients. This involved data crawling, generating visualizations on various aspects, organizing the data into PDF and Excel formats, and sending comprehensive reports to clients.

3.Developed and implemented Python-based data scraping solutions, ensuring accurate and timely delivery of data as per client requirements.

4.Utilized Kibana and Elastic Search for data visualization, providing intuitive and comprehensive insights.

5.Revamped the data checking methodology by introducing an automated email alert system. This system promptly notifies relevant team in case of data upload failure in the API or issues with data scraping during daily and weekly crawls

KEY PROJECTS

Domain: Health | CNN |JAN '23

- Objective: To build a CNN based model which can accurately detect melanoma**.**A solution that can evaluate images and alert dermatologists about the presence of melanoma has the potential to reduce a lot of manual effort needed in diagnosis
- Solution: Designed CNN Model to detect melanoma among nine classes

Domain: Credit Card Fraud Detection | Classification Model | April'23

- Objective: To predict fraudulent credit card transactions with the help of machine learning models.
- Solution: Designed different classssification Model with hyperparameter tuning and class imbalance technique to detect probabilities associated fraud detection

Domain: Entertainment | SQL| July'22

- Objective: Use SQL to analyze the given data and give recommendations to RSVP Movies based on the insights
- Key Achievement: Analyses the pattern of movie from past three years

KEY SKILLS

• Data Analysis • Requirement Analysis • Quality Assurance

• Data Mining • Leadership & Training • Process Improvement • • Data Visualization • ML •Data modeling • Data cleansing• Predictive analytics

•Reporting •Dashboards •

TECHNICAL SKILLS

Tools/Languages: R, Python,Java

 MySQL, Advance SQL,kibana

 Scikit learn,statsmaodel,,CNN,NLP

 Pandas, NumPy, matplotlib ,Seaborn, MS Excel

CERTIFICATIONS

- **Hackfest First Rank at PromptCloud Technology**
- **Advance Certification in Generative AI (Pursuing)**
- Certification in Python and Java from UpGrad
- Python, SQL Certification and Gold level batch at HakerRank
- Best Boy Award at Intermediate level

ADDITIONAL INFORMATION

- College Coordinator for Annual Cultural And Technical Fest
- Headed a Campaign name Samarthan Which works for poor people
- **Languages**: English (native), Hindi

Interest

- Chess
- Reading Editorials