NISHIT CHAUDHRY

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EDUCATION

UNIVERSITY AT BUFFALO, THE STATE UNIVERSITY OF NEW YORK
Master of Science, Management Information Systems (Data Analytics) (STEM Designated) (GPA 3.8/4.0) Jun. 2022
Courses – Predictive Analytics, Statistics Foundation of Analytics, Data Visualization, Systems Analysis, and Design, Database Management Systems, Distributed Computing, and Big Data, Web Analytics for eCommerce

INTERNATIONAL INSTITUTE OF INFORMATION TECHNOLOGY, BANGALORE
Post Graduate Diploma, Data Science (Specialization in Deep Learning) (GPA 3.6/4.0) Jul. 2021

SHIV NADAR UNIVERSITY, GREATER NOIDA
Bachelor of Technology, Electrical and Electronics Engineering (Minor in Management studies) May 2019

EXPERIENCE

COGNIZANT TECHNOLOGY SOLUTIONS Pune, India
Data Scientist (Programmer Analyst) Jul. 2019-May 2021

- Tech Stack used Python, TensorFlow, Spacy, NLTK, PyTesseract, Open CV, YOLO, Hugging Face Transformers, Keras
- Explored and implemented Deep Learning techniques in the field of Natural Language Processing and Computer Vision to apply state-of-the-art techniques in different domains with a 5-member development team
- Collaborated and developed Optical Character Recognition as a service on hand-written and printed text in a tabular format with overall word-level accuracy of ~90%
- Performed different iterations of abstractive and extractive text summarization using transformers to achieve ~92% accuracy in comparison with human-level text summarization
- Implemented end-to-end Machine Learning/Deep Learning processes such as data preprocessing, exploratory data analysis, data visualization, feature engineering, model building, model evaluation, and model deployment
- Presented and developed the latest Rasa conversational chatbot for FAQ use-case and proposed advantages of including Rasa X for conversation-driven development to improve efficiency by ~1.5 times
- Improved Rasa chatbot to a multi-lingual chatbot that could converse and respond with users in 6 European languages
- Achieved accuracy of ~91% in multi-class ticket query classification task using data augmentation and algorithms such as Linear SVM, Multinomial Naive Bayes, Logistic Regression, Random Forest, and XG Boost

Data Science Intern Jan. 2019-Apr. 2019

- Libraries and tools used were Python, Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, and MS Excel
- Selected on merit basis to collaborate with business intelligence and data science teams for case study
- Prepared a revenue forecasting model on a 2-year data period using ARIMA time-series
- Achieved an accuracy of ~94% with a confidence interval of ~95% in predicting revenue for a three-month rolling period

SKILLS

Technical Skills: Descriptive Analytics, Predictive Analytics, Data Visualization, Data Mining, Database Management, Machine Learning (Regression, Naïve-Bayes, Decision Trees, SVM, Bagging and Boosting), Deep Learning (Natural Language Processing, Computer Vision), Hypothesis Testing, Inferential Statistics, Git Version Control, Hadoop (HDFS)
Programming Languages: Python (Pandas, NumPy, Matplotlib, Seaborn, Scikit-Learn, TensorFlow), ANSI SQL
Tools: Tableau, SAS, AWS, MS Office Suite (Excel, Word, PowerPoint), Jupiter Notebooks, PyCharm, Spyder, VS Code

CERTIFICATIONS

AWS Cloud Practitioner Jan 2021
IBM Enterprise Design Thinking – Team Essentials for AI Jul. 2021
IBM Data Science Professional Certificate Jun. 2020
UC Davis SQL for Data Science May 2020
Machine Learning A-Z: Hands-On Python & R In Data Science Apr. 2020