Shreyas S

Lead Data Scientist

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Professional Summary

Experienced business-minded data scientist with 5+ years of broad-based experience in providing data-driven solutions over structured as well as unstructured textual data to solve complex business problems. Committed to helping companies advance by developing strategic plans based on predictive modeling and findings.

Skills & Abilities

- Data and quantitative analysis
- Predictive Modelling
- Deep/neural Networks
- Machine learning algorithms
- NLP and advanced NLP

- Graph Database (neo4j)
- Chatbot
- Python web frameworks
- Docker
- SQL databases

Experience

Lead – Technology (Data Science)
Synechron Technologies PVT LTD., Pune   April'21-Present

- Worked on a client project to create a search query engine which would take user query as input, extract intents and entities from it using NER/multi-intent classification techniques with Tensorflow/Keras,search for the right document and respond with the answer from that document using transformers and BERT QnA techniques.

Sr. Associate – Technology (Data Science)
Synechron Technologies PVT LTD., Pune   April'20-March'21

- Developed & deployed intelligent dashboard which uses NL2SQL or NL2 any custom format, which converts English sentences into query language to generate real time widgets and graphs using advanced NLP, SOTA open source frameworks like BERT, ELMO and Neo4j as graph database.
- Worked on Model Management framework which helped a user from non-coding or non-Data science background to create models on any dataset, compare models, explain models using xAI and then deploy the models.
- Helped a client to successfully replicate their SQL database to Neo4j database and perform basic cypher queries on the same.
- Helped the organization attract more clients by developing and showcasing a question answering system using BERT and transformers that would help resolve a user query from a large pool of documents.

Associate – Technology (Data Science)   April'17-March'20
Synechron Technologies PVT LTD., Pune
- Created a resume parser using python and basic NLP as the base. This resume parser would take a batch of resumes as an input and provide a visual interface for the HR to analyze those resumes.This application also helped the HR to find candidates based on the skills or combination of skills. This helped HR reduce the resume review and candidate filtering process time by 60%.
- Worked as python developer to analyze huge amounts of data and visually create charts that would explain the data. Worked on Pandas, seaborn libraries in python to create charts that would explain the data well.
- Perform data engineering on the datasets to provide the frontend developers a right set of data so as to create a chart on the UI.
- Single handedly created a chatbot as PoC from scratch using Rasa and BERT which could carry out a basic conversation with the user and also answer the FAQs for a particular mobile insurance company. This project helped the organization to attract multiple clients and grow the business.

Jr. Associate – Technology (Data Science)   July'16-March'17
Synechron Technologies PVT LTD., Pune
- Worked as a Jr. developer in an innovation team where I started developing skills on Machine Learning and also had started working in python.
- Also worked as a web developer where I created web applications using basic web frameworks which helped the client to attract customers.
- Also completed multiple training the same period and received a spot award for exceptional work.

Education

Master of Science (Computer Science)   April'18
Savitribai Phule Pune University
Bachelor of Science (Computer Science)   April'16
Savitribai Phule Pune University

Certifications

- Certified Professional Neo4j Graph database developer
- Certified Rasa Developer

Accomplishments

- Received Spot Award for exceptional work twice.

Place: Pune, Maharashtra   Shreyas S