

Roopal Jain

Data Scientist

Microsoft Certified Data Scientist implementing diverse machine learning solutions for driving business values. Skilled in Data science, Machine learning, Deep learning, Data mining, NLP. Strong background with a postgraduate degree in Data Science. Coordinating a team of data scientists working on 4 different projects. Self-motivated and passionate about deep learning.

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WORK EXPERIENCE

Data Scientist

Celebal Technologies Pvt Ltd

09/2019 - Present

Jaipur, India

Job role

- Utilized analytical and technical expertise to provide insights and proposals to support business improvements.
- Coordinate team of multiple projects at a time.
- Design and built classical ml, NLP, computer vision model and work with transfer learning.

PROJECTS UNDERTAKEN

Table extraction and Detection

- Built models for table detection and cell detection and extracted structured data from images.
- Tools and technologies: Yolo, Open cv, Faster rcnn, Tensorflow, Computer vision.

Qbot text analytics

- Design and built machine learning models to automate customer service with 92% accuracy.
- Tools and technologies: Seq to seq modeling, Bert for classification, Textual entailment, Text preprocessing, NLU.

Text Analytics

- Led a team to identify the sentiment and keyphrases of the mail body, useful in identifying the negative keywords and whom it is referring to so that mail can be corrected in a polite way.
- Tools and technologies: Bert, NLTK, Text preprocessing, NLP, dependency parsing.

No Show Prediction

- Forecast what would be the ratio of booking vs departed weight in a flight. Performed EDA on the data to get the findings and actual understanding of the data.
- Tools and technologies: Databricks, matplotlib, Time series analysis, Random Forest.

Bauxite control tower

- Bauxite control tower is planned to have end-to-end visibility on bauxite supply chain management.
- Tools and technologies: Python, Django.

EDUCATION

M.SC Specialization in Data Science

Central University of Rajasthan

07/2017 - 05/2019

Courses/Projects

- Machine learning
- Prediction of hospital readmission
- Big data
- Topic modeling for uber reviews

Bachelor of Science

Rajasthan University

07/2014 - 07/2017

Courses

- Mathematics, Economics
- Statistics

GENERAL SKILLS

Python Machine Learning Deep Learning Django
Computer Vision Statistics Predictive modeling
EDA Flask NLP Data featurizing and engineering
Azure-ML Pytorch Sampling

TECHNICAL SKILLS

Operating systems

windows, ubuntu

Database

My sql, Sql server, mongodb(basic)

Programming language

Python, R(basic)

Other software /tools

Machine learning, Deep learning, NLP, Computer vision, Time series (basics), Data Visualization, Microsoft Azure, EDA, Open cv, Scikit-learn, Pandas, Numpy, Matplotlib, Pytorch, Flask, Nltk.

CERTIFICATES

Microsoft Certified: Azure Data Scientist Associate
(12/2020 - 12/2020)

Microsoft Certified: Azure AI Engineer Associate
(01/2021 - 01/2023)

Neural Networks and Deep Learning(Coursera)
(06/2019 - 08/2019)

Big Data Analysis and Mining in Deep Web Repository
(01/2018 - 01/2018)

Machine Learning Gian (11/2017 - Present)

State Level Badminton Player (09/2010 - Present)

LANGUAGES

Hindi

Full Professional Proficiency

English

Full Professional Proficiency

INTERESTS

Coding Dancing Traveling Artificial intelligence