Rohan Chauhan

Microsoft Certified Azure Data Scientist

Email: rohanchauhan22@gmail.com | **Mobile**: +91 79911 54440 | **Website**: rohanchauhan.co.in

---

EXPERIENCE

Data Scientist - The Shortcut, Finland, Dec 2019 - Mar 2020
Led a team of 5 interns for developing the internal dashboard project. Accelerated project development by spearheading the documentation process. Worked with 2 more interns to train more than 25 data analysts in python and SQL. Provided useful insights on KPI using BI dashboards.

Machine Learning Research Assistant - Aalto University, Finland, Oct 2017 - Feb 2019
Developed a broad crawler for crawling 1000 fake news websites and analyzed their network in the data mining group. Designed a method for expert knowledge elicitation from drawing in the probabilistic machine learning group.

PROJECTS

Incident Management Report- Power BI, DAX
The incident management data has been taken from UCI Repository. The report provides the current status of the system and further analysis for increasing uptime. **LINK**

Azure MLOps Pipeline - Python, Sklearn, Azure SDK, Github Actions
Simple demonstration project for CI/CD pipeline using Azure Machine Learning and Github Actions. **LINK**

Lead Scoring Batch Inference Pipeline- Spark, PySpark, MLflow, Azure SDK
We use PySpark to train the model and MLflow to track the experiment. After training the model, we deploy a batch inference pipeline on Azure and test it using a batch of csv from the marketing dataset. **LINK**

Quality Prediction Real Time Inference Service - Python, Sklearn, Azure SDK, ACI
In this project, we train a quality prediction model on a UCI wine dataset and deploy the model as a real time web service. We consume the endpoint using HTTP requests. **LINK**

Credit Risk Classification AutoML Interpretable Model- Python, Azure SDK
We use Azure AutoML to train a model on credit risk dataset and use Permutation Feature Importance (PFI) Explainer to provide explanations for predictions of the credit risk model. **LINK**

EDUCATION

Aalto University, Finland, Jun 2019
MS, Machine Learning, Data Science and Artificial intelligence

KIIT University, India, April 2017
BTech, Computer Science and Engineering

CERTIFICATION

Microsoft Certified: Azure Fundamentals - Compute, Security, Network

Microsoft Certified: Azure Data Fundamentals - Storage, Databases, Orchestration

Microsoft Certified: Azure AI Fundamentals - APIs for CV, NLP, Conversational

Microsoft Certified: Power Platform Fundamentals - Automate, App, Chatbots

Microsoft Certified: Azure Data Scientist Associate - SDK, ML Pipelines, Databricks