

Ransaka Ravihara

Data Scientist

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PROFILE

Data Scientist with a background in computer science and several years of experience in the telecommunication industry. Currently designing forward-thinking ML-Ops solutions across all segments at The Dialog axiata company, using the power of machine learning.

EXPERIENCE

Dialog Axiata PLC, Sri Lanka— Data Scientist, Group Analytics

JUNE 2021 - PRESENT

- Assist BUs in making decisions using historical datasets. Build logic to define business values of hidden patterns in large datasets.
- Build a neural collaborative filtering model to starpoints product recommendations.
- Develop and deploy a churn prediction model for broadband, mobile and fixed TV.
- Experience in writing cloud ETL jobs using snowflake.
- Research data mining techniques with Social Networks.
- Build advanced clustering methods with graph analytics and machine learning.
- Implement several data pipelines on the cloud that are useful for daily operations and model building.
- Use Spatial Analytics and build simple geospatial scoring models. These models are used to deliver powerful insights to senior management. As a result, management decided to expand our outlet network by placing 20 new outlets in model suggested locations.
- Assisted BUs in running a business by providing daily/Monthly reports and developed dashboards using Tableau.
- Work with stakeholders to identify growth opportunities.
- Transferred my knowledge to other members of the team.

NETWORK PROFILES

LinkedIn [@ransakaravihara](#)

StackOverflow [@ransaka](#)

Kaggle [@ransakaravihara](#)

PROGRAMMING SKILLS

Python

SQL

Data Analysis libraries

Pandas, Numpy, matplotlib

Machine Learning libraries

Scikit-learn, XGBoost, Lightgbm, Catboost

Deep Learning

PyTorch CNN, DAE, RNN

Database and Data Processing

Hive, Neo4j, Spark (Beginner)

Cloud Computing

Sagemaker (AWS), Snowflake

CERTIFICATIONS

Microsoft Certified: Azure AI Fundamentals

IBM AI Engineering Professional Certificate

Dialog Axiata PLC, Sri Lanka— Data Scientist (Intern)

OCT 2020 - MAY 2021

- Member of AATE Intern program. In this program, I had the privilege to collaborate on a customer churn model.
- Performed full EDA and data pre-processing part in the mobile prepaid churn prediction model.
- Worked closely with the business team to identify their actual business needs.

EDUCATION

University of Colombo School of Computing

Bachelor of Science in Computer Science

JAN 2017 - MAR 2021

REFERENCES

Mr Indika Sudath Keerthirathna – *General Manager*
Siemens Gamesa Renewable Energy Lanka Pvt Ltd

Tel: 077 221 7955

Mr Nushan Rajapaksha – *Senior Data Scientist*

Dialog Axiata PLC

Tel: 077 333 3225