DELLAINEY ALCAÇOAS

DATA SCIENTIST

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PROFILE

Possess expertise in Understanding, Analyzing and Interpreting large complex data. Acquired experience from building machine learning, deep learning and statistical based models for problem solving and process improvements for Organizations in Sweden. Her business acumen aids her to see the work in a bigger strategic context. Enjoys a collaborative work environment with opportunities to learn.

IT SKILLS

- Deep Learning
- Machine Learning
- Python
- Spotfire
- Tableau
- Bayesian Statistics
- Stan
- SQL
- R
- Spark
- Scala

SOFT SKILLS

- Business Acumen
- Teaching
- Interpersonal Skill
- Communication skills
- Team Player
- Active Learning
- Critical Thinking
- Statistics

LIBRARIES

Keras Scikit-Learn SHAP PYMC3 Tsfresh Pandas Numpy Matplotlib Seaborn NLTK

LANGUAGES

- English
- Portuguese
- Swedish

INTERESTS

FINDING NEW HOBBY | CYCLING | SPORT

REFERENCES

References available on request

EXPERIENCE

June 2019 – June 2020

FORSKNINGSASSISTENT I INFORMATIONSTEKNOLOGI

HÖGSKOLAN I SKÖVDE – SKÖVDE,SWEDEN

Data validation, pre processing and data exploration. Understanding the customer problem, developing and testing hypothesis by using various machine learning or statistical approaches. Customizing and building new algorithms to model the data and derive good results or solutions for the task at hand. Visualizing and presenting the findings to the stakeholders.

Major Company Projects:

- Inference model: Inferring distributions of element composition in scrap piles for Sandvik Materials Technology using Markov Chain Monte Carlo based sampling and Bayesian Linear Regression.
- Prediction model: Predict endpoint for BOF process for SSAB using Sequential Deep Learning model.
- Anomaly detection model: Feature engineering and building an Ensemble of tree based Anomaly detection models for ring rolling mill at Ovako.

Other Projects:

- Story telling: Visual data analysis on immigration in Sweden using Spotfire.
- Sentiment analysis: Sentiment analysis of tweets using an LSTM based Recurrent Neural Network.
- Computer vision: Traffic sign recognition using deep Convolutional Neural Network (CNN).
- Computer vision: CNN model to classify flowers.
- Recommender system: Movie recommender system using funk Singular Vector Decomposition.
- Clustering: Clustering on Iris dataset using Kmeans.

2008 - 2018

ASSISTANT PROFESSOR IN BUSINESS MANAGEMENT

DM'S COLLEGE & RESEARCH CENTER – GOA,INDIA

Creating course material and delivering the same effectively to large audience by means of presentations, discussions and demonstrations in the area of Business Management.

Major Duties:

- Course responsible for management related subject
- Delivering the concepts in a simple but effective manner.
- Developed and maintained grading software.
- Research projects/consultancy in Management.

HACKATHON

2018 – 1ST place in 'The Biggest Business Value' at Hackathon challenge 2018 organized by VOLVO Group IT

EDUCATION

2019 – MASTER OF SCIENCE - INFORMATICS
HÖGSKOLAN I SKÖVDE – SKÖVDE, SWEDEN

2007 – MASTER OF BUSINESS ADMINISTRATION
GOA UNIVERSITY – GOA, INDIA

2005 – BACHELOR OF SCIENCE – COMPUTER SCIENCE
GOA UNIVERSITY – GOA, INDIA