Jenitha Lessie S

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Belfast, UK

>>Data Science | Analytics

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# Motivation

Skilled professional with expertise in advanced analytical thinking and machine learning techniques, committed to leveraging technical skills to drive innovative solutions and enhance data-driven decision-making process.

# Skills & Tools

* **Programming**: Python (Base, Pandas, Numpy, Matplotlib, Scikit-Learn, Keras), SQL
* **Machine Learning**: Linear Regression, Logistic Regression, Decision Trees, Random Forest, KNN, K-Means, PCA, Association Rule Learning, Causal Impact Analysis, ANN, CNN
* **Model deployment & Cloud:** Github, Docker, Streamlit, AWS S3, EC2, Lambda, SageMaker, Jupyter Notebook, Google Cloud Platform
* **Others**: Statistics, A/B testing, Hypothesis testing, Data Visualisation, Tableau, Power BI, MS Office

# Projects

**"You Are What You Eat" Customer Segmentation**

* Used K-Means clustering on grocery transaction data to split out customers into distinct "shopper types" that could be used to better understand customers over time, and to more accurately target customers with relevant content & promotions.

**Fruit classification using a Convolutional Neural Network**

* Used Keras deep learning techniques to build & optimise a Convolutional Neural Network to classify images of fruits, with the goal of helping a grocery retailer enhance & scale their sorting & delivery processes.

**Image Search Engine using VGG16**

* Used VGG16 deep learning model, feature extraction technique and KNN algorithm to develop image search engine that will help customer to find similar products to one they want!

# Work history

# March2013-March2017 Cognizant Technology Solutions

**Senior process executive** Chennai

* Rendered inputs in an effective and efficient way for dealing the Health Care Claims
* Played vital role in terms of transformations, initiatives for a better and intuitive claim process.
* Conducted root cause analysis to address recurring issues in the production line effectively.
* Optimised operational efficiency by 15% through streamlining process workflows.
* Trained new hires on standard operating procedures.
* Undertook initiatives in showcasing the Daily status reports and Audit process / Defect trend which improved the client confidence level and enabled the team with better tracking mechanism
* Received Client Recognition (Molina) for managing the claim process for various categories

June 2011 -August 2012 Sasi Creative School of Business

**Assistant professor** Coimbatore

* Handled papers such as Operational Research, Statistics, Database Management systems
* Conducted lab sessions for SQL
* Led seminars and workshops on contemporary topics in field of expertise.

# Education

June 2009 -April 2011 St.Joseph's Institute of Management

**Master of Business Administration: Systems & Finance**  Trichy

* Six Sigma: As a part of MBA, worked as a project trainee in Apollo hospitals, Chennai, for three different Six Sigma projects (DMAIC-Process) including both green belt and black belt projects.
* Business Solution: As a part of MBA, final year project in Dalmia (Bharath) Cements: Dalmiapuram, ltd., in Supply Chain Department. Analysed their vendor's data and proposed a business solution to improve their vendor management system which helps to reduce their cost spending during coal import.

June 2006 - April 2009 Holy Cross College

**Bachelor of Computer Application** Trichy

* Climatic Prediction System: Developed an application software using Artificial Neural Network Technology which helps to predict the global climate.

# Certifications

* **Data Science Infinity**

# Languages

# English (Professional)

* Tamil (Native)