

SENTHILKUMARAN ELANGOVAN

DATA SCIENTIST

✉ esenthilkumaran.ds@gmail.com 📞 9791232664 📍 Chennai
in linkedin.com/in/senthilkumaran-elangovan/ 🌐 esenthilkumaran

SUMMARY

Experienced Data Scientist with hands-on Python, Statistical Analysis, Model building, Machine Learning & Deep Learning.
Experience in Data Manipulation & Data Cleaning.
Statistical Modelling to find out the insights from the data.
Machine Learning model building with Regression (Linear Regression, Decision Tree), Classification (Logistic Regression, SVM, K-Means) & Clustering (KNN)
Hands-on Experience in Story Telling & Data Visualization (EDA) with Matplotlib, Seaborn.
Good concept of OOPS Programming with high level understanding of Python.
Data Extraction with SQL.
High level concept of Neural Networks, Image Classification and model building with Keras, OpenCV.
Good hold on Natural Language Processing by using NLTK & Spacy Library.

SKILLS

PROGRAMMING LANGUAGE: PYTHON, SQL, HTML, CSS, .NET
DATA MANIPULATION: NUMPY, PANDAS
DATA VISUALIZATION: MATPLOTLIB, SEABORN, TABLEAU
DATA MODELING: SCIKIT-LEARN LIBRARY, KERAS, OPENCV, NLTK, SPACY
TOOLS & TECHNOLOGIES: JUPYTER, PYCHARM, AEM, DNN

EMPLOYMENT

Larsen & Toubro Infotech - LTI
Data Scientist

Chennai
Aug. 2019 to Current

Analyzed data sets and helped companies make decisions based on findings.
Utilized algorithmic and programming tools to build helpful predictive models.
Performed EDA and discovered notable relationships.
Tracked performance and identified business improvement trends.

Larsen & Toubro Infotech - LTI
Senior Software Engineer

Chennai
Feb. 2015 to July 2019

Developed new attractive websites to improve the marketing of the business.
Migrated the marketing websites to different platforms.

PROJECTS

AmRisc - Fraudulent Insurance Identification and Recognition of Suspicious Activities

Feb. 2021 to Current

Understanding previous cases of fraudulent activity and apply sampling method to analyze them.
Predictive modeling techniques are applied here, for the analysis and filtering of fraud instances.
Used statistical models for efficient fraud detection.
Identifying links between suspicious activities helps to recognize fraud schemes that were not noticed before.

BBNT - Dynamic Insurance Premium Prediction

Apr. 2020 to Dec. 2020

Developing a model that help insurers to quote premiums dynamically so that it's closely related to the customer's price sensitivity.
Price optimization increases retention rates and customer loyalty.

MMC - Recommendation and Personalisation of Insurance Products

Aug. 2019 to Feb. 2020

Marketing of various insurance policies through online websites.
Analyzing customer retention based on the previous policy data.
Developing personalized products which are more appealing to the customers.
Recommending personalized products to increase the upselling and cross-selling revenue.

ResMed - Marketing Respiratory Medical Devices through AEM platform

Feb. 2017 to Aug. 2019

Building Marketing websites for Respiratory Medical devices using AEM Platform.
Migrated websites from DNN Platform to AEM Platform.
Good team player with adaptability, enhancing the overall performance of the outcome by engaging with team on effective time management and quality deliverables.
Took ownership during major deployments, engaged with the team on collaborative ideas to improve the process, delegated the tasks/authorities to meet the objectives and ensure better productivity.

Mercer - Marketing Insurance Policies through DNN Platform

Apr. 2015 to Jan. 2017

Building Marketing websites for Insurance policies using DNN Platform.
Migration of Existing Website into new age personalized website with Easy Enroll System.
Design and Development of new mobile responsive web pages using Bootstrap.

EDUCATION

Chettinad College of Engineering & Technology
B.Tech (IT) 2014

Machine Learning Course by Andrew NG - Coursera

Springboard Data Science Career Track
Data Science 2021