Louis Box

Aspiring data scientist, passionate about self improvement and dedicated to the process.

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PROJECTS

Machine learning classification

Python, Scikit-learn, Matplotlib, Seaborn, Pandas

- Participated in the Kaggle "Machine learning from disaster" classification competition. I was tasked with training a model on Titanic passenger information to predict whether a given set of unseen passengers would survive.

- Carried out thorough EDA to provide detailed and intuitive visualisations.

- Used a range of data manipulation libraries to build a set of new important features.

- Explored numerous algorithms, comparing and optimising the performance of each via feature elimination processes and hyper-parameter tuning.

Link

Data Cleansing project

Python, Pandas, Numpy

- Wrote Python code to clean personal gym and weight log data, allowing for future analysis.

- Created a reproducible script that can be applied to new data saving time and effort.

Part-1 Part-2 Code

Sudoku Solver

Python

- Used Python to implement a backtracking algorithm that can solve any given sudoku board.

Link

EDUCATION

Finchley Catholic High School - 2009-2016

A–Levels	GCSEs
Maths - B Chemistry - C Biology - C	11 A*-C grades

SKILLS

-Python
-SQL
-Excel
-Tableau
-Adobe Photoshop
-Sony Vegas Pro

PROFESSIONAL EXPERIENCE

TJB Systems Ltd - Oct 2018 - Present

Part time manufacturing assistant

- Assisted with the manufacturing of Pharmaceutical test equipment, that are sold to over 20 different countries worldwide.

- Developed a detailed documentation process to improve understanding of our manufacturing process. This led to a reduction in construction error rate; further reducing the number of customer complaints and returns.

Waitrose - Oct 2017- Aug 2018

Supermarket assistant

- Responsible for handling back door interactions, including taking in and organising daily stock deliveries and collections. This was an important duty as it ensured the daily tasks of every employee occurred on time, meaning produce stayed stocked and fresh.

- Ensured customer satisfaction was a priority, by interacting in a friendly and attentive manner. Leading to multiple reports of praise to my manager.

Dogs Trust - Sept 2016- Sept 2017

Shop Assistant volunteer

- Responsible for opening and closing the shop and handling all day to day tasks.

- Drew multiple pieces of Art displayed in and out of the shop leading to increased volunteer rates and improved customer interaction.