Stanislav Karzhev

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🎓 Education

Bsc (Hons) Chemistry 2:1, Queen Mary University of London   09/2017 – 06/2020

A levels, Woodhouse College   09/2015 – 07/2017

- **Mathematics, Chemistry, Physics**

GCSE's, Heartlands High School   09/2010 – 07/2015

- **9 GCSE'S A*B**
- **A in Maths**
- **A in English**

📁 Projects

Automating Spotify playlist creation ⬈
- I used BeautifulSoup, Requests and the Spotipy Python libraries to scrape the Billboard Hot 100 songs at a given date, store the data, authenticate my Spotify credentials, search for the song titles in Spotify and create a new playlist containing all the songs.

Exploratory data analysis on global happiness ⬈
- In this notebook Jupyter I analysed and created visualisations using data from the 2020 world happiness report. I explored the effect of various factors such as GDP per capita, perceptions of corruption, social support to gain insights into how they contribute to a countries' happiness along with the relationship between them.

Extracting dominant colours from images with k-means clustering ⬈
- I implemented the clustering algorithm k-means to accurately extract the dominant colours from an image and illustrate the result using Numpy, Matplotlib, SciPy and scikit learn.

Predicting properting prices with multivariable linear regression ⬈
- I trained a linear regression model in Python to accurately predict the price of a property given numerical and categorical variables such as number of rooms, per capita crime rate, pollution levels and more.

Training supervised machine learning models for heart failure classification ⬈
- I trained and tuned the parameters of different classification models using logistic regression, decision tree classifier, random forest classifier, XGBoost on a heart disease dataset. Ultimately, I evaluated the effectiveness of each model for predicting the probability of heart failure occurrence.

💼 Professional Experience

Customer Success Specialist, Paperform Pty Ltd   10/2021 – present

- Resolving problems with excel style calculations, logic and pre-filling
- Trouble shooting technical issues with integrations, analytics scripts, custom domains and third party code
- Improving and creating educational resources
- Working closely with the product team on feature requests and bugs

Assistant Manager, G&S Jewellers   12/2020 – 09/2021

- Initiated the use of an ecommerce website in order to drive more sales via Shopify
- Integrated Facebook pixel for utilising customer data and behavior to build targeted audiences
- Promoted products and store website via social media ad campaigns

Associate Manager, Cashpoint Pawnbrokers and Currency Exchange   11/2018 – 11/2020

- Securely implemented Bitcoin as an additional payment method
- Setup and installed a cryptocurrency ATM which allowed customers to buy and sell various digital currencies
- Established the use of a mobile app, a convenient way for customers to view and make payments towards pledges.
- Introduced jewellery and precious metal valuation as additional services

🔬 References

Available on request