What topics/methods I applied from part D

* Implementation of **at least four** supervised machine learning models covered in class (e.g., linear models, regularized linear models, k-NN, decision trees, random forests, SVM, etc.), using Scikit-Learn
* Development and tuning of a deep learning model, with a comprehensive hyperparameter optimization process
* Perform cluster analysis or implement an anomaly detection algorithm to uncover patterns or outliers in the dataset
* Apply dimensionality reduction techniques (e.g., PCA, t-SNE) for visualization or as inputs to improve model predictions
* Use SHAP or a similar method to explore and interpret feature importance