

## Teme proiect

### Instrumente de inteligență artificială în Cloud

Nr. crt	Nume	Tema proiect	Dataset / Exemple
1.	Batin Codrin	The most popular types of movies based on user reviews. <b>Scope:</b> Sentiment analysis of user reviews.	Large Movie Review Dataset <a href="http://ai.stanford.edu/~amaas/data/sentiment/">http://ai.stanford.edu/~amaas/data/sentiment/</a> <b>Example:</b> <a href="https://www.kaggle.com/code/faressayah/amazon-reviews-sentiment-analysis-with-keras/notebook">https://www.kaggle.com/code/faressayah/amazon-reviews-sentiment-analysis-with-keras/notebook</a> <b>Example:</b> <a href="https://d2l.ai/chapter_natural-language-processing-applications/sentiment-analysis-and-dataset.html">https://d2l.ai/chapter_natural-language-processing-applications/sentiment-analysis-and-dataset.html</a>
2.	Beldean Alin	The most popular types of movies based on user reviews. <b>Scope:</b> Sentiment analysis of user reviews.	Amazon movie reviews <a href="https://snap.stanford.edu/data/web-Movies.html">https://snap.stanford.edu/data/web-Movies.html</a> <a href="https://data.mendeley.com/datasets/kb5nv7dbtm/1">https://data.mendeley.com/datasets/kb5nv7dbtm/1</a> <b>Example:</b> <a href="https://github.com/subhashbylaiah/BDAA34717-SentimentAnalysisProject">https://github.com/subhashbylaiah/BDAA34717-SentimentAnalysisProject</a>
3.	Crintea Marius	Spam Email Classification. <b>Scope:</b> Detect whether an email is considered spam or not.	Spam Email Classification <a href="https://www.kaggle.com/datasets/somesh24/spambase">https://www.kaggle.com/datasets/somesh24/spambase</a> <b>Example:</b> <a href="https://www.kaggle.com/code/ahmedashrafahmed/spam-email-classification">https://www.kaggle.com/code/ahmedashrafahmed/spam-email-classification</a>
4.	Farcas Mihai	Parkinson Disease. <b>Scope:</b> Discriminate healthy people from those with Parkinson Disease or Predict the presence of Parkinson's disease in a patient.	Parkinson Disease <a href="https://archive.ics.uci.edu/ml/datasets/parkinsons">https://archive.ics.uci.edu/ml/datasets/parkinsons</a> or <a href="https://archive.ics.uci.edu/ml/datasets/Parkinson%27s+Disease+Classification">https://archive.ics.uci.edu/ml/datasets/Parkinson%27s+Disease+Classification</a> <b>Example:</b> <a href="https://github.com/Adhishreya/Parkinson-s-Disease-Detection">https://github.com/Adhishreya/Parkinson-s-Disease-Detection</a> <b>Example:</b> <a href="https://github.com/chaitanyabaranwal/ParkinsonAnalysis">https://github.com/chaitanyabaranwal/ParkinsonAnalysis</a> <b>Example:</b> <a href="https://github.com/govardhan26/Parkinsons-Disease-Prediction/blob/master/parkinsons-blog.ipynb">https://github.com/govardhan26/Parkinsons-Disease-Prediction/blob/master/parkinsons-blog.ipynb</a>
5.	Feldrihan Raul	Symptoms and COVID Presence <b>Scope:</b> Predict if COVID is possibly present or not based on symptoms.	Symptoms and COVID Presence <a href="https://www.kaggle.com/datasets/hemanthhari/symptoms-and-covid-presence">https://www.kaggle.com/datasets/hemanthhari/symptoms-and-covid-presence</a> <b>Example:</b> <a href="https://www.kaggle.com/code/saumya5679/covid-19-prediction-97-eda">https://www.kaggle.com/code/saumya5679/covid-19-prediction-97-eda</a> <b>Example:</b> <a href="https://www.kaggle.com/code/hemanthhari/covid-prediction">https://www.kaggle.com/code/hemanthhari/covid-prediction</a> <b>Example:</b> <a href="https://github.com/mohanadarafe/covid-19-symptoms-presence">https://github.com/mohanadarafe/covid-19-symptoms-presence</a>

6.	Finuca Andrei	Customer Behaviour <b>Scope:</b> Customer Behaviour Prediction	Customer Behaviour <a href="https://www.kaggle.com/denisadutca/customer-behaviour">https://www.kaggle.com/denisadutca/customer-behaviour</a> <b>Example:</b> <a href="https://www.kaggle.com/code/arezalo/customer-behaviour-prediction-naive-bayes#head2">https://www.kaggle.com/code/arezalo/customer-behaviour-prediction-naive-bayes#head2</a> <b>Example:</b> <a href="https://www.kaggle.com/code/omkarbhosale0606/customer-prediction">https://www.kaggle.com/code/omkarbhosale0606/customer-prediction</a>
7.	Graur Mihai	Online Shoppers Purchasing Intention <b>Scope:</b> Build a predictive model for online shoppers purchasing analysis/intention	Online Shoppers Purchasing Intention <a href="https://archive.ics.uci.edu/ml/datasets/Online+Shoppers+Purchasing+Intention+Dataset">https://archive.ics.uci.edu/ml/datasets/Online+Shoppers+Purchasing+Intention+Dataset</a> <b>Example:</b> <a href="https://github.com/kevinlim-fr/ESILV-PFDS-Online-Shoppers-Purchasing-Intention">https://github.com/kevinlim-fr/ESILV-PFDS-Online-Shoppers-Purchasing-Intention</a> <b>Example:</b> <a href="https://www.kaggle.com/code/nehahatti/online-shopping-intention-analysis-project">https://www.kaggle.com/code/nehahatti/online-shopping-intention-analysis-project</a> <b>Example:</b> <a href="https://www.kaggle.com/code/mamun18/final-project-online-shoppers-intention">https://www.kaggle.com/code/mamun18/final-project-online-shoppers-intention</a>
8.	Ianau Andrei	Comparison of genuine and forged banknote-like specimens. <b>Scope:</b> Evaluate banknote authentication	Banknote authentication <a href="https://archive.ics.uci.edu/ml/datasets/banknote+authentication">https://archive.ics.uci.edu/ml/datasets/banknote+authentication</a> <b>Example:</b> <a href="https://github.com/AbhiRoy96/Banknote-Authentication-UCI-Dataset">https://github.com/AbhiRoy96/Banknote-Authentication-UCI-Dataset</a> <b>Example:</b> <a href="https://github.com/jtb3wj/Python-Banknotes">https://github.com/jtb3wj/Python-Banknotes</a> <b>Example:</b> <a href="https://github.com/tanyabolla/Machine-Learning-Banknote-Authentication">https://github.com/tanyabolla/Machine-Learning-Banknote-Authentication</a> <b>Example:</b> <a href="https://www.kaggle.com/code/prateekmaj21/banknote-authentication-using-keras/notebook">https://www.kaggle.com/code/prateekmaj21/banknote-authentication-using-keras/notebook</a>
9.	Ierlean Remus	Heart Disease <b>Scope:</b> Heart Disease Factor's Ranking or Heart Disease Prediction	Heart Disease <a href="https://archive.ics.uci.edu/ml/datasets/Heart+Disease">https://archive.ics.uci.edu/ml/datasets/Heart+Disease</a> <b>Example:</b> <a href="https://www.kaggle.com/datasets/johnsmith88/heart-disease-dataset">https://www.kaggle.com/datasets/johnsmith88/heart-disease-dataset</a> <b>Example:</b> <a href="https://www.kaggle.com/datasets/sid321axn/heart-statlog-cleveland-hungary-final">https://www.kaggle.com/datasets/sid321axn/heart-statlog-cleveland-hungary-final</a> <b>Example:</b> <a href="https://github.com/k2datascience/advanced-classification-example">https://github.com/k2datascience/advanced-classification-example</a> <b>Example:</b> <a href="https://github.com/alr0cks/Heart-Disease-Prediction">https://github.com/alr0cks/Heart-Disease-Prediction</a>
10.	Moldovan Alina	Stock Market Prediction <b>Scope:</b> Build a machine learning model that can predict the rise or decrease of stocks based on the news headlines.	Daily News for Stock Market Prediction <a href="https://www.kaggle.com/datasets/aaron7sun/stocknews">https://www.kaggle.com/datasets/aaron7sun/stocknews</a> <b>Example:</b> <a href="https://github.com/jvpoulos/drnn-prediction">https://github.com/jvpoulos/drnn-prediction</a> <b>Example:</b> <a href="https://github.com/ADGEfficiency/minicomp-news-stock-prices">https://github.com/ADGEfficiency/minicomp-news-stock-prices</a> <b>Example:</b> <a href="https://www.kaggle.com/code/yassinesfaihi/textual-data-and-ml-news-stock-market-prediction">https://www.kaggle.com/code/yassinesfaihi/textual-data-and-ml-news-stock-market-prediction</a>
11.	Lupusor Nicolae	Red and white wine from Portugal <b>Scope:</b> Detect excellent or poor wines.	Wine Quality <a href="https://archive.ics.uci.edu/ml/datasets/wine+quality">https://archive.ics.uci.edu/ml/datasets/wine+quality</a> <b>Example:</b> <a href="https://www.kaggle.com/datasets/rajyellow46/wine-quality">https://www.kaggle.com/datasets/rajyellow46/wine-quality</a> <b>Example:</b> <a href="https://www.geeksforgeeks.org/wine-quality-prediction-machine-learning/">https://www.geeksforgeeks.org/wine-quality-prediction-machine-learning/</a>

12.	Selejan Alexandra	Origin of music <b>Scope:</b> The aspects of music that most influence location or Predicting the geographical origin of music	Geographical Original of Music <a href="https://archive.ics.uci.edu/ml/datasets/Geographical+Original+of+Music">https://archive.ics.uci.edu/ml/datasets/Geographical+Original+of+Music</a> <b>Example:</b> <a href="https://github.com/NicolasNeiman/UCLAX-the-origin-of-music">https://github.com/NicolasNeiman/UCLAX-the-origin-of-music</a> <b>Example:</b> <a href="https://github.com/SangeethaThai/CSX_450_1_Project_2">https://github.com/SangeethaThai/CSX_450_1_Project_2</a> <b>Example:</b> <a href="https://www.kaggle.com/datasets/yadhua/geographical-origin-of-music">https://www.kaggle.com/datasets/yadhua/geographical-origin-of-music</a>
13.	Padurean Andrei	<b>Scope:</b> Detect the most used activities	Daily and Sports Activities <a href="https://archive.ics.uci.edu/ml/datasets/Daily+and+Sports+Activities">https://archive.ics.uci.edu/ml/datasets/Daily+and+Sports+Activities</a> <b>Example:</b> <a href="https://www.kaggle.com/code/kernelel/starter-daily-and-sports-activities-70806d00-e">https://www.kaggle.com/code/kernelel/starter-daily-and-sports-activities-70806d00-e</a> <b>Example:</b> <a href="https://github.com/greed2411/sports_activities_dataset">https://github.com/greed2411/sports_activities_dataset</a>
14.	Pascal Marian	Coffee prices on the market within last 30 years. <b>Scope:</b> Coffee price predictions	Coffee, rice and beef prices on the market within last 30 years <a href="https://www.kaggle.com/datasets/timmofeyy/-coffee-rice-and-beef-price-changes-for-30-years">https://www.kaggle.com/datasets/timmofeyy/-coffee-rice-and-beef-price-changes-for-30-years</a> <b>Example:</b> <a href="https://github.com/rileynwong/forecasting-coffee-prices">https://github.com/rileynwong/forecasting-coffee-prices</a> <b>Example:</b> <a href="https://www.kaggle.com/code/akshayraman/eda-coffee-rice-and-beef-prices">https://www.kaggle.com/code/akshayraman/eda-coffee-rice-and-beef-prices</a> <b>Example:</b> <a href="https://www.kaggle.com/code/raneemoqaily/coffee-rice-and-beef-prices-changes-for-30-years">https://www.kaggle.com/code/raneemoqaily/coffee-rice-and-beef-prices-changes-for-30-years</a>
15.	Szabo Zsolt	Fake and Real News <b>Scope:</b> Fake News Detection	Fake and Real News <a href="https://www.kaggle.com/datasets/clmentbisailon/fake-and-real-news-dataset">https://www.kaggle.com/datasets/clmentbisailon/fake-and-real-news-dataset</a> <b>Example:</b> <a href="https://www.kaggle.com/code/therealsampat/fake-news-detection">https://www.kaggle.com/code/therealsampat/fake-news-detection</a> <b>Example:</b> <a href="https://www.kaggle.com/code/therealcyberlord/fake-news-detection-using-rnn">https://www.kaggle.com/code/therealcyberlord/fake-news-detection-using-rnn</a> <b>Example:</b> <a href="https://www.kaggle.com/code/sreshta140/is-it-authentic-or-not">https://www.kaggle.com/code/sreshta140/is-it-authentic-or-not</a> <b>Example:</b> <a href="https://www.kaggle.com/code/paramarthasengupta/fake-news-detector-eda-prediction-99">https://www.kaggle.com/code/paramarthasengupta/fake-news-detector-eda-prediction-99</a>
16.	Szasz Stefan	Car evaluation <b>Scope:</b> Evaluate a car based on its characteristics or Prediction of car prices (or car's acceptability)	Car Evaluation <a href="https://archive.ics.uci.edu/ml/datasets/Car+Evaluation">https://archive.ics.uci.edu/ml/datasets/Car+Evaluation</a> <b>Example:</b> <a href="https://github.com/likarajo/car_evaluation">https://github.com/likarajo/car_evaluation</a> <b>Example:</b> <a href="https://github.com/sonarsushant/Car-Evaluation-Dataset-Classification">https://github.com/sonarsushant/Car-Evaluation-Dataset-Classification</a> <b>Example:</b> <a href="https://github.com/shreyamdg/automobile-data-set-analysis">https://github.com/shreyamdg/automobile-data-set-analysis</a> <b>Example:</b> <a href="https://github.com/harjotspahwa/Car-Evaluation">https://github.com/harjotspahwa/Car-Evaluation</a>
17.	Truta Andreea	Diagnostic breast cancer <b>Scope:</b> Breast cancer analysis and prediction	Breast Cancer <a href="https://archive.ics.uci.edu/ml/datasets/Breast+Cancer+Wisconsin+%28Diagnostic%29">https://archive.ics.uci.edu/ml/datasets/Breast+Cancer+Wisconsin+%28Diagnostic%29</a> <b>Example:</b> <a href="https://www.kaggle.com/code/vincentlugat/breast-cancer-analysis-and-prediction">https://www.kaggle.com/code/vincentlugat/breast-cancer-analysis-and-prediction</a> <b>Example:</b> <a href="https://www.kaggle.com/code/aditimulye/breast-cancer-prediction">https://www.kaggle.com/code/aditimulye/breast-cancer-prediction</a> <b>Example:</b> <a href="https://github.com/subhadeep-123/Breast-Cancer-Detection">https://github.com/subhadeep-123/Breast-Cancer-Detection</a>