Product Research, Dataset Creation & Cleaning

* <https://www.nespresso.com/ca/en/>
* <https://www.nespresso.com/uk/en/home>
* <https://www.nespresso.com/au/en/home>
* <https://www.mymorningespresso.com/nespresso-intensity-levels/#:~:text=Nespresso%20intensity%20levels%20range%20on,roast%2C%20the%20higher%20the%20intensity>.
* <https://www.nespresso.com/au/en/news/blog-ultimate-coffee-bean-guide>
* <https://cafealtura.com/roast-intensity-and-caffeine-levels/>
* <https://www.contact.nespresso.com/faq-3/ro/en#2145>
* <https://www.communitycoffee.com/blog/detail/coffee-101-the-body#:~:text=The%20%E2%80%9Cbody%E2%80%9D%20of%20a%20coffee,altitudes%20or%20in%20volcanic%20soils>.
* <https://nespressoguide.com/>
* <https://coffeetano.com/nespresso-intensity-level-chart/>
* <https://coffeetano.com/nespresso-caffeine-content-chart/>

Exploratory Data Analysis (Jupyter Notebook)

* <https://stackoverflow.com/questions/48238305/bar-plot-with-groupby>
* <https://stackoverflow.com/questions/29188757/specify-format-of-floats-for-tick-labels>
* <https://www.geeksforgeeks.org/how-to-create-a-stacked-bar-plot-in-seaborn/>
* <https://www.statology.org/pandas-stacked-bar-chart/>
* <https://seaborn.pydata.org/generated/seaborn.lineplot.html>
* <https://seaborn.pydata.org/tutorial/color_palettes.html>
* <https://stackoverflow.com/questions/70261165/how-to-change-the-order-of-columns-and-plot-images-side-by-side-with-seaborn-in>
* <https://stackoverflow.com/questions/57417970/how-to-set-custom-colors-on-a-count-plot-in-seaborn>
* <https://seaborn.pydata.org/generated/seaborn.countplot.html>

Data Analysis, Machine Learning & Natural Language Processing

* <https://towardsdatascience.com/7-nlp-techniques-you-can-easily-implement-with-python-dc0ade1a53c2>
* <https://www.kaggle.com/code/jbencina/clustering-documents-with-tfidf-and-kmeans/notebook>
* <https://scikit-learn.org/stable/modules/generated/sklearn.feature_extraction.text.TfidfVectorizer.html>
* <https://scikit-learn.org/stable/modules/generated/sklearn.feature_extraction.text.CountVectorizer.html#sklearn.feature_extraction.text.CountVectorizer>
* <https://stackoverflow.com/questions/27697766/understanding-min-df-and-max-df-in-scikit-countvectorizer>
* <https://www.reddit.com/r/learnmachinelearning/comments/6evguc/while_building_a_tfidf_determining_a_good_balance/>
* <https://www.sciencedirect.com/topics/computer-science/cosine-similarity>
* <https://stackoverflow.com/questions/46118910/scikit-learn-vectorizer-max-features>
* <https://canvas.eee.uci.edu/courses/9097/files/3341307/download?download_frd=1>
* <https://spacy.io/usage/linguistic-features>
* <https://ucrel.lancs.ac.uk/bnc2/bnc2guide.htm>
* <https://towardsdatascience.com/text-classification-with-nlp-tf-idf-vs-word2vec-vs-bert-41ff868d1794>
* <https://edumunozsala.github.io/BlogEms/jupyter/nlp/classification/python/2020/07/31/Intro_NLP_1_TFIDF_Text_Classification.html>
* <https://towardsdatascience.com/feature-selection-techniques-in-machine-learning-with-python-f24e7da3f36e>
* <https://www.kaggle.com/code/tonypeng1/tf-idf-with-multinomial-nb-and-cross-validation>
* <https://towardsdatascience.com/tf-idf-explained-and-python-sklearn-implementation-b020c5e83275>
* <https://programminghistorian.org/en/lessons/analyzing-documents-with-tfidf#4-norm-smooth_idf-and-sublinear_tf>
* <https://buhrmann.github.io/tfidf-analysis.html>
* <https://medium.com/analytics-vidhya/recommendation-system-using-bert-embeddings-1d8de5fc3c56>
* <https://amueller.github.io/word_cloud/generated/wordcloud.WordCloud.html#wordcloud.WordCloud>
* <https://www.pragnakalp.com/nlp-tutorial-movie-recommendation-system-using-bert/>
* <https://www.analyticsvidhya.com/blog/2021/04/a-guide-to-feature-engineering-in-nlp/>
* <https://eshban9492.medium.com/feature-engineering-in-nlp-7d89bf47f7ae#:~:text=Feature%20engineering%20is%20a%20process,make%20or%20break%20your%20system>.
* <https://medium.com/analytics-vidhya/combining-word-embeddings-to-form-document-embeddings-9135a66ae0f>
* <https://www.kaggle.com/code/reiinakano/basic-nlp-bag-of-words-tf-idf-word2vec-lstm/notebook>
* <https://dataaspirant.com/five-most-popular-similarity-measures-implementation-in-python/>
* <https://towardsdatascience.com/my-first-nlp-pipeline-99d24aafb773>
* <https://www.analyticsvidhya.com/blog/2022/06/an-end-to-end-guide-on-nlp-pipeline/>
* <https://www.kdnuggets.com/2021/03/natural-language-processing-pipelines-explained.html>
* <https://betterprogramming.pub/beginners-to-advanced-feature-engineering-from-text-data-c228047a4813>
* <https://towardsdatascience.com/the-triune-pipeline-for-three-major-transformers-in-nlp-18c14e20530>
* <https://medium.com/analytics-vidhya/perfecting-recommendation-pipeline-with-advanced-statistical-and-algebraic-computations-8341a5398988>
* <https://www.infoq.com/presentations/nlp-ml-dl/>
* <https://scikit-learn.org/stable/modules/generated/sklearn.metrics.pairwise.euclidean_distances.html>
* <https://stats.stackexchange.com/questions/53068/euclidean-distance-score-and-similarity>
* <https://intellifysolutions.com/blog/techniques-of-calculating-similarity-distance-measure/>
* <https://www.analyticsvidhya.com/blog/2021/09/creating-a-movie-reviews-classifier-using-tf-idf-in-python/>
* <https://medium.com/@cmukesh8688/tf-idf-vectorizer-scikit-learn-dbc0244a911a>
* <https://stackoverflow.com/questions/39662398/scikit-learn-output-metrics-classification-report-into-csv-tab-delimited-format>
* <https://github.com/ritvikmath/YouTubeVideoCode/blob/main/Word2Vec.ipynb>
* <https://pub.towardsai.net/content-based-recommendation-system-using-word-embeddings-c1c15de1ef95>
* <https://github.com/RaRe-Technologies/gensim-data>
* <https://stackoverflow.com/questions/39549248/how-to-load-a-pre-trained-word2vec-model-file-and-reuse-it>
* <https://programmerah.com/gensim-error-attributeerror-the-vocab-attribute-was-removed-from-keyedvector-in-gensim-4-0-0-39145/>
* <https://github.com/devalindey/Recommender-Systems-using-Word-Embeddings/blob/master/Recommender.ipynb>
* <https://medium.com/analytics-vidhya/text-classification-from-bag-of-words-to-bert-part-2-word2vec-35c8c3b34ee3>
* <https://www.guru99.com/word-embedding-word2vec.html>

Machine Learning Web Application (Plotly Dash)

* <http://dash-bootstrap-components.opensource.faculty.ai/docs/components/offcanvas/>
* <https://dash.plotly.com/dash-html-components/h1>
* <http://dash-bootstrap-components.opensource.faculty.ai/docs/components/input/>
* <https://dash.plotly.com/dash-core-components/rangeslider>
* <https://stackoverflow.com/questions/50213761/changing-visibility-of-a-dash-component-by-updating-other-component>
* <https://www.w3schools.com/cssref/pr_class_display.asp>
* <http://dash-bootstrap-components.opensource.faculty.ai/docs/components/card/>
* <http://dash-bootstrap-components.opensource.faculty.ai/docs/components/navbar/>
* <http://dash-bootstrap-components.opensource.faculty.ai/docs/components/jumbotron/>
* <http://dash-bootstrap-components.opensource.faculty.ai/docs/components/accordion/>
* <http://dash-bootstrap-components.opensource.faculty.ai/docs/components/table/>
* <https://dash.plotly.com/datatable/width>
* <https://dash.plotly.com/datatable/style>
* <https://www.adamsmith.haus/python/answers/how-to-format-currency-in-python>
* <https://plotly.com/python/pie-charts/>
* <http://dash-bootstrap-components.opensource.faculty.ai/docs/components/collapse/>
* <https://plotly.com/python/horizontal-bar-charts/>
* <https://plotly.com/python/bar-charts/>
* <http://dash-bootstrap-components.opensource.faculty.ai/docs/components/tabs/>
* <https://www.youtube.com/watch?v=d2E-pU4H2gc>
* <https://stackoverflow.com/questions/65625553/how-to-reduce-width-of-dash-datatable>
* <https://plotly.com/python/figure-labels/>
* <https://plotly.com/python/tick-formatting/>
* <https://stackoverflow.com/questions/68061197/re-order-axis-in-plotly-graph>
* <https://stackoverflow.com/questions/59221514/python-drop-down-change-content-color>
* <https://plotly.com/python/heatmaps/>
* <https://plotly.com/python/builtin-colorscales/>
* <https://community.plotly.com/t/allow-user-to-create-new-options-in-dcc-dropdown/8408/2>
* <https://github.com/plotly/dash-recipes/blob/master/dash-append-element-dropdown-options.py>

Deployment to Render Platform (Heroku Alternative)

* <https://community.plotly.com/t/migrating-from-heroku-how-to-use-render-to-deploy-a-python-dash-app-solution/68048>
* <https://www.youtube.com/watch?v=H16dZMYmvqo&list=LL&index=2>