

For what?	Accessed when? (use NOW() )	Link	
Download progress bar	5/5/2019 19:46:46	<a href="https://sumit-ghosh.com/articles/python-download-progress-bar/">https://sumit-ghosh.com/articles/python-download-progress-bar/</a>	
Autosaving in subdirectory "data"	5/5/2019 19:46:46	<a href="https://www.quora.com/How-could-I-create-a-file-under-a-particular-sub-directory-using-Python">https://www.quora.com/How-could-I-create-a-file-under-a-particular-sub-directory-using-Python</a>	
Downloading data using URL	5/5/2019 19:46:46	<a href="https://stackoverflow.com/questions/34561746/downloading-a-csv-gz-file-from-ur-in-python">https://stackoverflow.com/questions/34561746/downloading-a-csv-gz-file-from-ur-in-python</a>	
Decompressing data set ".tsv.gz"	5/5/2019 20:41:40	<a href="http://xahlee.info/python/gzip.html">http://xahlee.info/python/gzip.html</a>	
Sample data base with small size just for testing program	5/5/2019 21:12:43	<a href="http://ctdbase.org/downloads/">http://ctdbase.org/downloads/</a>	
Problem encoding the .tsv file	5/7/2019 20:11:11	<a href="https://srinujammu.wordpress.com/2018/03/01/how-to-avoid-unicodedecodeerror-while-loading-data-into-dataset-in-python/">https://srinujammu.wordpress.com/2018/03/01/how-to-avoid-unicodedecodeerror-while-loading-data-into-dataset-in-python/</a>	
Problem importing the .tsv file	5/7/2019 20:11:11	<a href="https://www.kaggle.com/tinoswe/split-python-dataframe">https://www.kaggle.com/tinoswe/split-python-dataframe</a>	
Clean dataframe for pandas' dataframe.to_excel()	5/7/2019 21:01:48	<a href="https://stackoverflow.com/questions/42306755/how-to-remove-illegal-characters-so-a-dataframe-can-write-to-excel/42307522">https://stackoverflow.com/questions/42306755/how-to-remove-illegal-characters-so-a-dataframe-can-write-to-excel/42307522</a>	
Check if file exists	5/7/2019 21:01:48	<a href="https://therenegadecoder.com/code/how-to-check-if-a-file-exists-in-python/">https://therenegadecoder.com/code/how-to-check-if-a-file-exists-in-python/</a>	
Basic recommender system	5/9/2019 2:03:33	<a href="https://towardsdatascience.com/prototyping-a-recommender-system-step-by-step-part-1-knn-item-based-collaborative-filtering-637969614ea">https://towardsdatascience.com/prototyping-a-recommender-system-step-by-step-part-1-knn-item-based-collaborative-filtering-637969614ea</a>	
Sparse matrices	5/9/2019 2:03:33	<a href="https://docs.scipy.org/doc/scipy/reference/generated/scipy.sparse.csr_matrix.html">https://docs.scipy.org/doc/scipy/reference/generated/scipy.sparse.csr_matrix.html</a>	
Replacing columns in pandas dataframe	5/9/2019 17:04:11	<a href="https://stackoverflow.com/questions/36846060/how-to-replace-an-entire-column-on-pandas-dataframe">https://stackoverflow.com/questions/36846060/how-to-replace-an-entire-column-on-pandas-dataframe</a>	
Using NearestNeighbors.kneighbors()	5/9/2019 21:01:54	<a href="https://www.analyticsvidhya.com/blog/2018/03/introduction-k-neighbours-algorithm-clustering/">https://www.analyticsvidhya.com/blog/2018/03/introduction-k-neighbours-algorithm-clustering/</a>	
Basic Flask interface	5/10/2019 9:31:58	<a href="https://aryaboudaie.com/python/technical/educational/web/flask/2018/10/17/flask.html#how-to-get-user-input">https://aryaboudaie.com/python/technical/educational/web/flask/2018/10/17/flask.html#how-to-get-user-input</a>	
Basic Flask interface II	5/10/2019 17:05:51	<a href="https://github.com/KR0SIV/webui_demo/tree/master">https://github.com/KR0SIV/webui_demo/tree/master</a>	
Decompressing data set ".tsv.gz"	5/10/2019 17:05:49	<a href="https://stackoverflow.com/questions/48466421/python-how-to-decompress-a-gzip-file-to-an-uncompressed-file-on-disk">https://stackoverflow.com/questions/48466421/python-how-to-decompress-a-gzip-file-to-an-uncompressed-file-on-disk</a>	
For loadingimage.gif	5/10/2019 18:21:01	<a href="http://www.ajaxload.info/">http://www.ajaxload.info/</a>	
How to make jquery for loading gif	5/10/2019 18:21:01	<a href="http://article.onlinewebtool.com/display-loading-image-after-clicking-on-a-submit-button-javascript-jquery/">http://article.onlinewebtool.com/display-loading-image-after-clicking-on-a-submit-button-javascript-jquery/</a>	
How to make jquery for loading gif	5/10/2019 18:21:01	<a href="https://stackoverflow.com/questions/14525029/display-a-loading-message-while-a-time-consuming-function-is-executed-in-flask">https://stackoverflow.com/questions/14525029/display-a-loading-message-while-a-time-consuming-function-is-executed-in-flask</a>	
HTML tutorial	5/10/2019 18:48:26	<a href="https://www.youtube.com/watch?v=UB1O30fR-EE&amp;t=2635s">https://www.youtube.com/watch?v=UB1O30fR-EE&amp;t=2635s</a>	
Flask tutorial	5/10/2019 18:48:26	<a href="https://www.youtube.com/watch?v=MwZwr5Tvyxo&amp;list=PL-osiE80TeTs4UjLw5MM6OjgkFeUxCyH">https://www.youtube.com/watch?v=MwZwr5Tvyxo&amp;list=PL-osiE80TeTs4UjLw5MM6OjgkFeUxCyH</a>	
Simple button with link	5/10/2019 18:48:26	<a href="https://guide.freecodecamp.org/html/tutorials/how-to-create-an-html-button-that-acts-like-a-link/">https://guide.freecodecamp.org/html/tutorials/how-to-create-an-html-button-that-acts-like-a-link/</a>	
Referencing variables accross different routes in Flask	5/13/2019 0:26:44	<a href="https://stackoverflow.com/questions/30204496/how-to-use-a-local-variable-in-other-functions-flask">https://stackoverflow.com/questions/30204496/how-to-use-a-local-variable-in-other-functions-flask</a>	
Rendering pandas dataframe in HTML	5/13/2019 0:26:44	<a href="https://galaxydatatech.com/2018/03/31/passing-dataframe-web-page/">https://galaxydatatech.com/2018/03/31/passing-dataframe-web-page/</a>	
How to use pickle to save variables for later use	5/13/2019 14:15:33	<a href="https://pythonprogramming.net/python-pickle-module-save-objects-serialization/">https://pythonprogramming.net/python-pickle-module-save-objects-serialization/</a>	
Pickle dictionary	5/13/2019 19:45:08	<a href="https://stackoverflow.com/questions/11218477/how-can-i-use-pickle-to-save-a-dict">https://stackoverflow.com/questions/11218477/how-can-i-use-pickle-to-save-a-dict</a>	
Pandas to_csv() save dataframe without index	5/14/2019 11:10:32	<a href="https://stackoverflow.com/questions/20845213/how-to-avoid-python-pandas-creating-an-index-in-a-saved-csv">https://stackoverflow.com/questions/20845213/how-to-avoid-python-pandas-creating-an-index-in-a-saved-csv</a>	
Save and load sparse matrix scipy.sparse.csr_matrix()	5/14/2019 11:10:19	<a href="https://docs.scipy.org/doc/scipy/reference/generated/scipy.sparse.save_npz.html#scipy.sparse.save_npz">https://docs.scipy.org/doc/scipy/reference/generated/scipy.sparse.save_npz.html#scipy.sparse.save_npz</a>	
Tweaking the sklearn.neighbors.NearestNeighbors() model	5/14/2019 11:10:15	<a href="https://scikit-learn.org/stable/modules/generated/sklearn.neighbors.NearestNeighbors.html">https://scikit-learn.org/stable/modules/generated/sklearn.neighbors.NearestNeighbors.html</a>	
Horizontal break line HTML	5/14/2019 11:48:52	<a href="https://esc11.instructure.com/courses/4271/pages/horizontal-line-across-a-page">https://esc11.instructure.com/courses/4271/pages/horizontal-line-across-a-page</a>	
Getting total stars with sum of dataframe	5/14/2019 20:33:47	<a href="https://stackoverflow.com/questions/28236305/how-do-i-sum-values-in-a-column-that-match-a-given-condition-using-pandas">https://stackoverflow.com/questions/28236305/how-do-i-sum-values-in-a-column-that-match-a-given-condition-using-pandas</a>	
Converter for df array convert star_rating into integer	5/15/2019 22:53:00	<a href="https://stackoverflow.com/questions/24251219/pandas-read-csv-low-memory-and-dtype-options/24251426">https://stackoverflow.com/questions/24251219/pandas-read-csv-low-memory-and-dtype-options/24251426</a>	
Amazon data base		<a href="https://s3.amazonaws.com/amazon-reviews-pds/tsv/index.txt">https://s3.amazonaws.com/amazon-reviews-pds/tsv/index.txt</a>	