Key knowledge notes

<https://www.scribbr.com/statistics/one-way-anova/>

<https://www.databricks.com/glossary/mlops>

<https://www.youtube.com/watch?v=NgWujOrCZFo&list=PLVd1sFtZgLA7gPFPB8nPVEgOG1a5BkmSR> (MLops)

<https://www.youtube.com/watch?v=0Z0vZU6cMKY&t=10s> (MLOps)

<https://www.udemy.com/course/complete-mlops-bootcamp-from-zero-to-hero-in-python-2022/> (MLops)

<https://www.upgrad.com/blog/list-vs-tuple/>

<https://www.programiz.com/python-programming/list-vs-tuples>

<https://www.programiz.com/python-programming/methods/built-in/filter>

<https://www.simplilearn.com/tutorials/python-tutorial/filter-in-python#:~:text=The%20filter()%20method%20in,has%20passed%20the%20function%20check>.

<https://realpython.com/python-filter-function/>

[https://www.freecodecamp.org/news/args-and-kwargs-in-python/#:~:text=\*args%20allows%20us%20to%20pass,a%20variable%20number%20of%20arguments](https://www.freecodecamp.org/news/args-and-kwargs-in-python/#:~:text=*args%20allows%20us%20to%20pass,a%20variable%20number%20of%20arguments).

<https://www.freecodecamp.org/news/what-is-len-in-python-how-to-use-the-len-function-to-find-the-length-of-a-string/#:~:text=Basic%20Syntax%20for%20len(),to%20the%20len()%20function>.

<https://realpython.com/len-python-function/>

<https://www.geeksforgeeks.org/find-the-length-of-a-set-in-python/>

<https://www.geeksforgeeks.org/python-raise-keyword/>

<https://www.simplilearn.com/tutorials/python-tutorial/datetime-in-python#:~:text=In%20the%20Python%20programming%20language,a%20built%2Din%20Python%20module>.

<https://www.dataquest.io/blog/python-datetime-tutorial/#:~:text=Thankfully%2C%20datetime%20includes%20two%20methods,datetime%20objects%20back%20into%20strings>.

<https://pynative.com/python-range-function/#:~:text=The%20range()%20is%20a,iterate%20using%20a%20for%20loop>.

<https://www.geeksforgeeks.org/pickle-python-object-serialization/>

<https://www.includehelp.com/mcq/amongst-which-of-the-following-is-are-the-method-of-convert-python-objects-for-writing-data-in-a-binary-file.aspx#:~:text=Explanation%3A,written%20to%20a%20binary%20file>.

<https://www.includehelp.com/mcq/amongst-which-of-the-following-is-are-the-method-used-to-unpickling-data-from-a-binary-file.aspx#:~:text=The%20load()%20method%20is,file%20object)%20in%20our%20program>.

<https://www.google.com/search?q=A+text+file+contains+only+textual+information+consisting+of&rlz=1C5CHFA_enGB1028GB1028&oq=A+text+file+contains+only+textual+information+consisting+of&aqs=chrome..69i57.1342j0j7&sourceid=chrome&ie=UTF-8>

<https://www.freecodecamp.org/news/create-a-dictionary-in-python-python-dict-methods/#:~:text=To%20create%20an%20empty%20dictionary%2C%20first%20create%20a%20variable%20name,set%20of%20curly%20braces%2C%20%7B%7D%20.&text=Another%20way%20of%20creating%20an,function%20without%20passing%20any%20arguments>.

<https://stackoverflow.com/questions/772124/what-does-the-ellipsis-object-do>

<https://www.xlstat.com/en/solutions/features/ordinary-least-squares-regression-ols>

<https://www.investopedia.com/terms/e/errorterm.asp>

<https://www.ncl.ac.uk/webtemplate/ask-assets/external/maths-resources/statistics/regression-and-correlation/coefficient-of-determination-r-squared.html#:~:text=%C2%AFy)2.-,R%202%20%3D%201%20%E2%88%92%20sum%20squared%20regression%20(SSR)%20total,from%20the%20mean%20all%20squared>.

<https://domino.ai/data-science-dictionary/underfitting>

<https://scikit-learn.org/0.16/modules/generated/sklearn.linear_model.LinearRegression.html>

<https://realpython.com/linear-regression-in-python/#:~:text=Polynomial%20Regression%20With%20scikit%2Dlearn,-Implementing%20polynomial%20regression&text=There's%20only%20one%20extra%20step,nonlinear%20terms%20such%20as%20%F0%9D%91%A5%C2%B2>.

<https://www.google.com/search?q=when+to+choose+statsmodels+over+scikit-learn%3F&rlz=1C5CHFA_enGB1028GB1028&oq=when+to+choose+statsmodels+over+scikit-learn%3F&aqs=chrome..69i57.10072j0j7&sourceid=chrome&ie=UTF-8> (Statsmodels)

<https://www.mygreatlearning.com/blog/python-numpy-tutorial/>

<https://towardsdatascience.com/data-visualization-using-seaborn-fc24db95a850#:~:text=Seaborn%20is%20a%20Python%20data,attractive%20and%20informative%20statistical%20graphics>.

<https://www.w3schools.com/sql/sql_join_self.asp>

<https://www.simplilearn.com/what-is-data-modeling-article>

<https://www.google.com/search?q=mixed+model&rlz=1C5CHFA_enGB1028GB1028&oq=mixed+model&aqs=chrome..69i57j69i60.3612j0j7&sourceid=chrome&ie=UTF-8> (mixed models)

<https://mcqmate.com/topic/3/machine-learning-set-2>

<https://www.simplilearn.com/tutorials/machine-learning-tutorial/bagging-in-machine-learning>

<https://towardsdatascience.com/top-machine-learning-algorithms-for-classification-2197870ff501#:~:text=In%20this%20article%2C%20we%20will,nearest%20neighbour%20and%20naive%20bayes>.

<https://u-next.com/blogs/machine-learning/popular-regression-algorithms-ml/#:~:text=Regression%20is%20a%20type%20of,the%20most%20popular%20regression%20algorithms>.

<https://www.google.com/search?q=which+ML+algorism+is+based+on+bagging%3F&rlz=1C5CHFA_enGB1028GB1028&oq=which+ML+algorism+is+based+on+bagging%3F&aqs=chrome..69i57.14466j0j7&sourceid=chrome&ie=UTF-8>

<https://www.google.com/search?q=disadvantages+of+decision+tree&rlz=1C5CHFA_enGB1028GB1028&oq=disadvantages+of+decision+tree&aqs=chrome..69i57.9847j0j7&sourceid=chrome&ie=UTF-8>

<https://www.google.com/search?q=does+anamoly+detection+reduce+outliers%3F&rlz=1C5CHFA_enGB1028GB1028&oq=does+anamoly+detection+reduce+outliers%3F&aqs=chrome..69i57.21637j0j7&sourceid=chrome&ie=UTF-8>

<https://www.freetimelearning.com/quiz.php>

<https://www.interviewbit.com/machine-learning-mcq/#:~:text=Answer%20%2D%20C)%20Analysis%20of%20ML,theory%20and%20computational%20learning%20theory>.

<https://towardsdatascience.com/radial-basis-function-neural-network-simplified-6f26e3d5e04d>

<https://www.google.com/search?q=what+are+the+supervised+ML+algorithms%3F&rlz=1C5CHFA_enGB1028GB1028&sxsrf=AB5stBiKCgBEYVeqGszgxalgULoo6JqY5w%3A1689777947667&ei=G_e3ZNWqKIeEgAbBzqvgAQ&ved=0ahUKEwiVpMeygZuAAxUHAsAKHUHnChwQ4dUDCA8&uact=5&oq=what+are+the+supervised+ML+algorithms%3F&gs_lp=Egxnd3Mtd2l6LXNlcnAiJndoYXQgYXJlIHRoZSBzdXBlcnZpc2VkIE1MIGFsZ29yaXRobXM_MgYQABgWGB4yBhAAGBYYHjIGEAAYFhgeMgYQABgWGB5I6DVQAFj1MnAAeAGQAQCYAX6gAagIqgEEMTQuMbgBA8gBAPgBAcICBxAjGLACGCfCAgoQABgFGB4YDRgTwgIKEAAYCBgeGA0YE8ICBRAAGKIEwgIEECEYCuIDBBgAIEGIBgE&sclient=gws-wiz-serp>

<https://www.keboola.com/blog/pca-machine-learning#:~:text=Principal%20Component%20Analysis%20(PCA)%20is,%2Dnoising%2C%20and%20plenty%20more>.

<https://www.javatpoint.com/machine-learning-support-vector-machine-algorithm>

<https://www.simplilearn.com/tutorials/machine-learning-tutorial/overfitting-and-underfitting#GoTop>

<https://en.wikipedia.org/wiki/Mean_squared_error#:~:text=In%20statistics%2C%20the%20mean%20squared,values%20and%20the%20actual%20value>.

<https://www.analyticsvidhya.com/blog/2017/10/svm-skilltest/>

<https://www.analyticsvidhya.com/blog/2017/04/40-questions-test-data-scientist-machine-learning-solution-skillpower-machine-learning-datafest-2017/#:~:text=Q5)%20Which%20of%20the%20following,to%20over%20fit%20the%20data%3F&text=Usually%2C%20if%20we%20increase%20the,trees%20will%20cause%20under%20fitting>.

<https://codecrucks.com/mcq/machine-learning-mcqs-set-01/>

<https://en.wikipedia.org/wiki/Lasso_(statistics)>

<https://mcqmate.com/discussion/439/lasso-can-be-interpreted-as-least-squares-linear-regression-where>

<https://www.alleydog.com/glossary/definition.php?term=Curvilinear+Relationship#:~:text=A%20Curvilinear%20Relationship%20is%20a,to%20increase%2C%20the%20other%20decreases>.

<https://brainly.in/question/6009559#:~:text=Expert%2DVerified%20Answer&text=Thus%20the%20correct%20answer%20to,(%20c%20)%20Convolutional%20neural%20network>.

<https://datatab.net/>

<https://www.investopedia.com/terms/c/chi-square-statistic.asp>

<https://www.youtube.com/watch?v=RBSGKlAvoiM> (data structures)

<https://medium.com/@anna.wu9222/33-must-know-sql-data-analyst-interview-questions-and-answers-f66ccf2cfaa6>