Tom’s Data Analytics Reading List

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| Topic | URL | ? |
| The Complete Guide to Deep Work | <https://todoist.com/inspiration/deep-work> |  |
| What is Data Storytelling? | <https://storyiq.com/global/blog/what-is-data-storytelling/> |  |
| Excel : IFS Function | <https://corporatefinanceinstitute.com/resources/excel/ifs-function-in-excel/?utm_source=google&utm_medium=cpc&utm_term=&utm_content=&utm_campaign=&utm_adgroup=&utm_funnel=&gad_source=1&gclid=Cj0KCQjwveK4BhD4ARIsAKy6pMJCBOEtwJ_w3DUBR0iXrUx8LxmuiYxYegBcsElI1sTw4iNLuv9nA00aAkyeEALw_wcB> |  |
| Khan Academy : Interquartile range (IQR) | <https://www.khanacademy.org/math/statistics-probability/summarizing-quantitative-data/interquartile-range-iqr/v/calculating-interquartile-range-iqr> |  |
| Khan Academy : Variance and standard deviation of a population | <https://www.khanacademy.org/math/statistics-probability/summarizing-quantitative-data/variance-standard-deviation-population/v/range-variance-and-standard-deviation-as-measures-of-dispersion> |  |
| Excel Vlookup Tutorial - Everything You Need To Know | <https://www.youtube.com/watch?v=d3BYVQ6xIE4> |  |
| How to Use HLOOKUP in Excel | <https://www.youtube.com/watch?v=6tjEuiFoP8M&ab_channel=SimonSezIT> |  |
| Excel VBA Tutorial – How to Write Code in a Spreadsheet Using Visual Basic | <https://www.freecodecamp.org/news/excel-vba-tutorial/> |  |
| Excel 2019 VBA Full Course Tutorial (7+ Hours) | <https://www.youtube.com/watch?v=JZ4pBe_MHQ8&feature=youtu.be> |  |
| How to write a Pseudo Code? | <https://www.geeksforgeeks.org/how-to-write-a-pseudo-code/> |  |
| Flowchart In Programming | <https://www.programiz.com/article/flowchart-programming> |  |
| Problem solving like a programmer | <https://janelbrandon.medium.com/problem-solving-like-a-programmer-88c4866752fc> |  |
| Which is more critical, Problem Solving or Programming Language Knowledge? | <https://seattlewebsitedesign.medium.com/which-is-more-critical-problem-solving-or-programming-language-knowledge-12fb6339c2ab> |  |
| Looping Through Worksheets / Sheets with VBA | <https://www.thesmallman.com/looping-through-worksheets> |  |
| Enable or disable macros in Microsoft 365 files | <https://support.microsoft.com/en-us/office/enable-or-disable-macros-in-microsoft-365-files-12b036fd-d140-4e74-b45e-16fed1a7e5c6> |  |
| Range object (Excel) | <https://learn.microsoft.com/en-us/office/vba/api/excel.range(object)> |  |
| Replace Blanks in a Pivot Table with Zeros | <https://www.mrexcel.com/excel-tips/replace-blanks-in-a-pivot-table-with-zeros/> |  |
| VBA - Exit For | <https://www.tutorialspoint.com/vba/vba_exit_for_statement.htm> |  |
| Object model (Excel) | <https://learn.microsoft.com/en-us/office/vba/api/overview/excel/object-model> |  |
| Git Tutorial for Beginners: Learn Git in 1 Hour | <https://www.youtube.com/watch?v=8JJ101D3knE&ab_channel=ProgrammingwithMosh> |  |
| Find last row with VBA End(xlUp).Row | <https://wellsr.com/vba/2015/excel/find-last-row-end-xlup/> |  |
| Range.End property (Excel) | <https://learn.microsoft.com/en-us/office/vba/api/excel.range.end> |  |
| Color Palette and the 56 Excel ColorIndex Colors | <https://dmcritchie.mvps.org/excel/colors.htm> |  |
| Python Tutorial | <https://www.w3schools.com/python/> |  |
| Installing Anaconda on Windows Tutorial | <https://www.datacamp.com/tutorial/installing-anaconda-windows> |  |
| How to Setup Anaconda Path to Environment Variable? | <https://www.geeksforgeeks.org/how-to-setup-anaconda-path-to-environment-variable/> |  |
| Python's F-String for String Interpolation and Formatting | <https://realpython.com/python-f-strings/> |  |
| Learn Python – Free Python Courses for Beginners | <https://www.freecodecamp.org/news/learn-python-free-python-courses-for-beginners/> |  |
| Learn Python - Full Course for Beginners [Tutorial] | <https://www.youtube.com/watch?v=rfscVS0vtbw&ab_channel=freeCodeCamp.org> |  |
| VS Code — Integrate Git Bash as Default Terminal | <https://www.youtube.com/watch?v=PzJCwfYfIzY&ab_channel=NeutronDev> |  |
| Python List/Array Methods | <https://www.w3schools.com/python/python_ref_list.asp> |  |
| Python File Open | <https://www.w3schools.com/python/python_file_open.asp> |  |
| How-To Setup SSH Keys for GitHub Using GitBash (+Bonus Tips) [#SSHKeys](https://www.youtube.com/hashtag/sshkeys) [#SSHKeysForGithub](https://www.youtube.com/hashtag/sshkeysforgithub) | <https://www.youtube.com/watch?v=6e3LCcpjqpc&ab_channel=AutomationDojos> |  |
| Hello World | <https://docs.github.com/en/get-started/start-your-journey/hello-world> |  |
| Learn Git – Full Course for Beginners | <https://www.youtube.com/watch?v=zTjRZNkhiEU&ab_channel=freeCodeCamp.org> |  |
| How to change Excel CSV delimiter to comma or semicolon | <https://www.ablebits.com/office-addins-blog/change-excel-csv-delimiter/> |  |
| What are field separators (delimiters), qualifiers, and CSV files? | <https://kb.blackbaud.com/knowledgebase/articles/Article/75155> |  |
| Python - List Comprehension | <https://www.w3schools.com/python/python_lists_comprehension.asp> |  |
| Python String title() Method | <https://www.w3schools.com/python/ref_string_title.asp> |  |
| Python - String Methods | <https://www.w3schools.com/python/python_strings_methods.asp> |  |
| Jupyter Notebooks in VS Code | <https://code.visualstudio.com/docs/datascience/jupyter-notebooks> |  |
| Pandas DataFrame | <https://www.geeksforgeeks.org/python-pandas-dataframe/> |  |
| Pandas Tutorial: DataFrames in Python | <https://www.datacamp.com/tutorial/pandas-tutorial-dataframe-python> |  |
| Find Out a File’s Encoding On Windows | <https://www.abdullahyahya.com/2011/09/find-out-a-files-encoding-on-windows/> |  |
| Freecodecamp #PANDAS | <https://www.freecodecamp.org/news/tag/pandas/> |  |
| Complete Python Pandas Data Science Tutorial! (2024 Updated Edition) | <https://www.youtube.com/watch?v=2uvysYbKdjM&ab_channel=KeithGalli> |  |
| Pandas Tutorial: Slicing & Indexing Using loc & iloc | <https://www.youtube.com/watch?v=W1ryq6Wvg8g&ab_channel=ErikMarsja> |  |
| The Complete Guide to Python Pandas Groupby | <https://www.youtube.com/watch?v=L5kf4sQnVhI&ab_channel=Ryan%26MattDataScience> |  |
| Python vs. Excel for Data Analytics | <https://www.nobledesktop.com/learn/python/python-vs-excel#:~:text=Python%20has%20a%20significant%20advantage,preferred%20solution%20for%20big%20data> |  |
| Pandas dataframe.drop\_duplicates() | <https://www.geeksforgeeks.org/python-pandas-dataframe-drop_duplicates/> |  |
| pandas.DataFrame.fillna | <https://pandas.pydata.org/docs/reference/api/pandas.DataFrame.fillna.html> |  |
| Rainbow CSV | <https://marketplace.visualstudio.com/items?itemName=mechatroner.rainbow-csv> |  |
| Data Wrangler | <https://marketplace.visualstudio.com/items?itemName=ms-toolsai.datawrangler> |  |
| Uninstalling Anaconda Distribution | <https://docs.anaconda.com/anaconda/install/uninstall/> |  |
| Python Pandas Tutorial: Joining and Merging Pandas DataFrame #13 | <https://www.youtube.com/watch?app=desktop&v=Lm1RN5o964g&ab_channel=ProgrammingIsFun> |  |
| SQL Joins with Python Pandas | <https://levelup.gitconnected.com/optimizing-sql-joins-with-pandas-4d4bb7ed720b> |  |
| pandas.Series.map | <https://pandas.pydata.org/docs/reference/api/pandas.Series.map.html> |  |
| Pandas - Format DataFrame numbers with commas and control decimal places | <https://www.markhneedham.com/blog/2021/04/11/pandas-format-dataframe-numbers-commas-decimals/> |  |
| AI & Python #19: How to Create Beautiful Visualizations in Python | <https://artificialcorner.com/p/behind-ai-19-how-to-create-beautiful> |  |
| Top 50 matplotlib visualizations the master plots python | <https://www.machinelearningplus.com/plots/top-50-matplotlib-visualizations-the-master-plots-python/> |  |
| Matplotlib Makeover: 6 Python Styling Libraries for Amazing Plots | <https://medium.com/@alexroz/matplotlib-makeover-6-python-styling-libraries-for-amazing-plots-5152f16992f5> |  |
| Matplotlib Tutorial : Matplotlib Full Course | <https://www.youtube.com/watch?v=wB9C0Mz9gSo&ab_channel=DerekBanas> |  |
| NumPy Array Slicing | <https://www.w3schools.com/python/numpy/numpy_array_slicing.asp> |  |
| How to Slice NumPy Arrays for Machine Learning Using Python | <https://www.turing.com/kb/guide-to-numpy-array-slicing> |  |
| Resolving ‘Fatal: early EOF’ Error in Git: A Practical Solution | <https://medium.com/@mectayn/resolving-fatal-early-eof-error-in-git-a-practical-solution-b2f4c1a8b43f#:~:text=The%20'Fatal%3A%20early%20EOF'%20error%20in%20Git%20typically%20occurs,incomplete%20or%20interrupted%20data%20transfer> |  |
| Pandas - Plotting | <https://www.w3schools.com/python/pandas/pandas_plotting.asp> |  |
| Mastering Coding Challenges with AI: A Comprehensive Guide to Using ChatGPT Prompts for Coding Tasks | <https://www.learnprompt.org/chat-gpt-prompts-for-coding/> |  |
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