Learning Resources for Self-learning Data Analyst

1. Excel:

Leila Gharani: Xelplus (her website) and Udemy Courses as below:

(1) Excel Chars:
https://www.udemy.com/course/excel-data-visualization-techniques-for-impressive-reports/learn/lecture/3919948?start=0#overview

(2) Advanced Excel:
https://www.udemy.com/course/advanced-excel-tips-formulas/learn/lecture/4818422?start=0#overview

(3) Excel Dashboards:
https://www.udemy.com/course/excel-dashboards-reports/learn/lecture/7131620#overview

(4) Excel VBA and Marco:
https://www.udemy.com/course/excel-vba-and-macros-course/learn/lecture/9061592?start=15#overview

(5) Power Query:
https://www.udemy.com/course/master-excel-power-query/learn/lecture/20280845?start=45#overview
This is her newest one. I found lots of practical problems can be done without writing complicated formulae.

2. SQL:

Jose Portilla:

(1) The Complete SQL Bootcamp:
https://www.udemy.com/course/the-complete-sql-bootcamp/learn/lecture/18908966#overview

(2) Practice: Leetcode & HackerRank
Useful Github links for answers for above questions:
https://github.com/shawlu95/Beyond-LeetCode-SQL

3. Python:

(1) Philipp Muellauer:
Complete Data Science & Machine Learning Bootcamp
https://www.udemy.com/course/python-data-science-machine-learning-bootcamp/learn/lecture/17041684#overview

(2) Jose Portilla:
Python for Time Series Data Analysis

(3) Explanations for Machine Learning Algorithms:

https://github.com/trekhleb/homemade-machine-learning

(4) Soledad Galli:

Feature Engineering for Machine Learning

https://www.udemy.com/course/feature-engineering-with-excel-python-machine-learning/learn/lecture/19238894?start=0#overview

(5) For practice:

Check any Python Libraries when coming across unknown methods.

Learn from others' notebooks on Kaggle.

Design your own project targeting a practical problem relevant to your education background.

4. Tableau /PowerBI

(1) Anthony B. Smoak:

Youtube Channel:

https://www.youtube.com/channel/UCL2ls5uXExB4p6_aZF2rUyg

Tableau Public:

https://public.tableau.com/profile/anthony.smoak#!/