**Master’s in Applied Data Science (Not Yet Awarded)**

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| **Courses Completed for Master’s in Applied Data Science** | | **Weeks** |
| **1** | **Programming for Everybody** | **7** |
| **2** | **Python Data Structures** | **7** |
| **3.** | **Using Databases with Python** | **5** |
| **4.** | **Using Python to Access Web Data** | **6** |
| **5.** | **Capstone: Retrieving, Processing, and Visualizing data with Python** | **4** |
| **6.** | **A Crash Course in Data Science** | **1** |
| **7.** | **Ted Talks:**   1. **The Surprising Habits of Original Thinkers:** [**https://www.ted.com/talks/adam\_grant\_the\_surprising\_habits\_of\_original\_thinkers/transcript?language=en**](https://www.ted.com/talks/adam_grant_the_surprising_habits_of_original_thinkers/transcript?language=en) 2. **Coding a Better Government:** [**https://www.ted.com/talks/jennifer\_pahlka\_coding\_a\_better\_government/transcript**](https://www.ted.com/talks/jennifer_pahlka_coding_a_better_government/transcript) 3. **How to Manage for Collective Creativity:** [**https://www.ted.com/talks/linda\_hill\_how\_to\_manage\_for\_collective\_creativity?language=en**](https://www.ted.com/talks/linda_hill_how_to_manage_for_collective_creativity?language=en) | **1** |
| **8.** | **Introduction to Data science in Python** | **4** |
| **9.** | **Applied Machine Learning in Python** | **4** |
| **10.** | **Applied Text Mining in Python** | **4** |
| **11.** | **Applied Social Network Analysis in Python** | **4** |
| **12.** | **Applied Plotting, Charting & Data Representation in Python** | **4** |

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Ted Talks:

1. The Surprising Habits of Original Thinkers: <https://www.ted.com/talks/adam_grant_the_surprising_habits_of_original_thinkers/transcript?language=en>
2. Coding a Better Government: <https://www.ted.com/talks/jennifer_pahlka_coding_a_better_government/transcript>
3. How to Manage for Collective Creativity: <https://www.ted.com/talks/linda_hill_how_to_manage_for_collective_creativity?language=en>

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