



# Data Wrangling & Analysis Project

Top 10 Tips





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## Pay Attention to Reading and Writing files in Python

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The relevant classroom lessons in the data gathering part give you really good content on this point.

Tip 1



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## Tip 2 - Apply for Twitter Developer Account Now:

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A task on your project query data from twitter. So, you will need to submit a request for twitter to create a developer account, a process that took some of your colleagues a week to get approved. So, spare your time and embark on it now. In the concept no 4 under the project section named Twitter API you will find details on this.  
[Here you go with how to access you credentials](#)

# Tip 2



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## Querying the data successfully

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Here you go with a topic from discourse on this step illustrating what are the most common pitfalls on this task and how to tackle them through an actual experience of one of your graduated colleagues.  
[Querying Twitter and reading the returned file](#)

# Tip 3



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## Failed Twitter Developer Account Application ... Don't Worry

There is an alternative path. In such a case please read this topic attentively to spare you a lot of time and frustration.

Read this topic in full to understand exactly what should and shouldn't be done

# Tip 4



## Reading the tweets\_json.txt

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A common task that people struggle with. I do believe that learning about the underlying json library is really beneficial or your future self. Here you go with some helpful content and topic for this step in particular.

- [How to use the json library in this task](#)
- [Topic 1 for managing the task](#)
- [Topic 2 for the same task - Don't use readlines method](#)

Tip 5



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## Don't forget to Copy your data before Cleaning

After gathering and assessment steps, please don't forget to COPY your data before embarking on the cleaning. Every time things go wrong, you will need to return to this step to reset your data while preserving its original status

# Tip 6



## Searching the Community Question Hub

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Most of the questions that may jump into your mind, have been answered in the question hub with varying depths. Searching the questions by column name or dataset name will surprise you.

**Tip 7**






## Data Wrangling is Iterative

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During the project, you will most likely need to go back to previous steps and do it again as you gain more knowledge about the data and its attributes. That's common and encouraged practice. Every time you get an undesirable result, you will need to reset your data.

**Tip 8**




## Understanding regular expressions

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Regular expressions in detail. Learn it bit by bit and try to apply the examples in your own environment.

Tip 9



## The reports are a must deliverable

Here are a couple of topics on how to structure them:

- Your wrangling efforts
- Your gleaned insights.

# Tip 10