**Learning Log: Review file structure and naming conventions**



**Overview**

https://d3c33hcgiwev3.cloudfront.net/imageAssetProxy.v1/D_w9YrY-QNa8PWK2PmDW6g_b8b9c2559de24ddc9ce059766c5ff7b6_line-y.png?expiry=1689120000000&hmac=n1mwlu260DmXwdAPN5qk26yWf4rZvE5vjAd_DdZqJF4

In the previous lesson, you were introduced to file structuring and naming conventions. Now, you’ll complete an entry in your learning log reviewing these concepts and reflecting on why they are so important. By the time you complete this entry, you will have a stronger understanding of how and why data analysts use file structuring and naming conventions on the job. This will help you think critically about file structuring and naming for your own projects in the future and keep your work more organized.

**Review best practices**

https://d3c33hcgiwev3.cloudfront.net/imageAssetProxy.v1/D_w9YrY-QNa8PWK2PmDW6g_b8b9c2559de24ddc9ce059766c5ff7b6_line-y.png?expiry=1689120000000&hmac=n1mwlu260DmXwdAPN5qk26yWf4rZvE5vjAd_DdZqJF4

Before you begin thinking about what sort of naming conventions and patterns you would use in your own projects, take a moment to review the best practices for file structure and naming conventions.

When creating a file structure and naming convention pattern for a project, you should always:

* Work out your conventions early in your project. The earlier you start, the more organized you’ll be.
* Align file naming conventions with your team. Conventions are most useful when everyone follows them.
* Make sure filenames are meaningful. Stick to a consistent pattern that contains the most useful information needed.
* Keep file names short and to the point.

This includes understanding the expected structure of folders and files in a project. Where does your data live? Your spreadsheets? Your data visualizations? Being able to navigate your folders easily makes for a well-structured project.

Remember, there are some stylistic choices you’ll need to make when it comes to filename conventions. However, there are still best practices you should follow here, too:

| **Formatting Convention** | **Example** |
| --- | --- |
| Format Dates as yyyymmdd | SalesReport20201125 |
| Lead revision numbers with 0 | SalesReport20201125v02 |
| Use hyphens, underscores, or capitalized letters | SalesReport\_2020\_11\_25\_v02 |

You will reflect on the importance of these conventions and how you would approach file structuring and naming for your own projects in the learning log template linked below.

https://d3c33hcgiwev3.cloudfront.net/imageAssetProxy.v1/U30M_C8dR2m9DPwvHfdpyg_df6964d962f44d6abfb8e55e554551aa_dotted-line-left.png?expiry=1689120000000&hmac=YSHqpYqz5YoMZMtdAdomBc7-dq1DpV1tunl_wLSsr20

**Access your learning log**

To use the learning log for this course item, click the link below and select “Use Template.”

Link to learning log template: [Review file structure and naming conventions](https://docs.google.com/document/d/1hIpY8BLiIu2uYoq3iu-cnIDbDGxE7zC9HmA8Na9XFFg/template/preview)

OR

If you don’t have a Google account, you can download the template directly from the attachment below.

[Learning Log Template\_ Review file structure and naming conventions](https://d3c33hcgiwev3.cloudfront.net/xyHfpcTnQB2h36XE57AdZg_540ee9a609e340bfa9346151c4b8ac2f_Learning-Log-Template_-Review-file-structure-and-naming-conventions.docx?Expires=1689120000&Signature=WyzPoLVrdg-MmVKeyd~~rbaC~yq0ZLeNPhMowtGwzECjtO~s6Y2yQYM6cEO~1Dc8A0OWGb6EbpxTi8jqLigOlf5drPv8J5-QRZ8R4d1np14f3hr1KM6iatBMMNTIDjUpoShBAGghg7RhSU2XJ~XaJfxOcW~Sgqwciw8kCkoQJcE_&Key-Pair-Id=APKAJLTNE6QMUY6HBC5A" \t "_blank)

[DOCX File](https://d3c33hcgiwev3.cloudfront.net/xyHfpcTnQB2h36XE57AdZg_540ee9a609e340bfa9346151c4b8ac2f_Learning-Log-Template_-Review-file-structure-and-naming-conventions.docx?Expires=1689120000&Signature=WyzPoLVrdg-MmVKeyd~~rbaC~yq0ZLeNPhMowtGwzECjtO~s6Y2yQYM6cEO~1Dc8A0OWGb6EbpxTi8jqLigOlf5drPv8J5-QRZ8R4d1np14f3hr1KM6iatBMMNTIDjUpoShBAGghg7RhSU2XJ~XaJfxOcW~Sgqwciw8kCkoQJcE_&Key-Pair-Id=APKAJLTNE6QMUY6HBC5A" \t "_blank)

https://d3c33hcgiwev3.cloudfront.net/imageAssetProxy.v1/UTyvGwMrT_m8rxsDK8_5jw_96ec24ae7f614779b31750a6b11f8d2f_dotted-line-right.png?expiry=1689120000000&hmac=JdEHZdcDw4Mwr2ZSzXLcaPYBN_xtZECpPdwczTjBkn0

**Reflection**

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In your learning log template, write 2-3 sentences (40-60 words) responding to each of the questions about file structuring and naming conventions below:

* Why are file structure and naming conventions so important? What are the consequences of poor organization for data analysts at work?
* How would you structure folders and files? What naming conventions would you use?
* What appeals to you about these choices?