



SEARCH



RESOURCES

CONCEPTS



12. Data Quality Dimensions 1



13. Data Quality Dimensions 2



14. Programmatic Assessment



15. Quality: Programmatic Assess...



16. Quality: Programmatic Assess...



17. Tidiness: Visual Assessment



18. Tidiness: Programmatic Assess...



19. How Data Gets Dirty and Messy



20. You Can Iterate!



21. Assessing Summary



22. Conclusion

Assess: Summary

Assessing is the second step in the data wrangling process:

- Gather
- **Assess**
- Clean

You can assess data for:

- Quality: issues with content. Low quality data is also known as dirty data.
- Tidiness: issues with structure that prevent easy analysis. Untidy data is a data. Tidy data requirements:
 1. Each variable forms a column.
 2. Each observation forms a row.
 3. Each type of observational unit forms a table.

...using two types of assessment:

- Visual assessment: scrolling through the data in your preferred software (Google Sheets, Excel, a text editor, etc.).
- Programmatic assessment: using code to view specific portions and summarize (pandas' `head`, `tail`, and `info` methods, for example).

**Mentor Help**

Ask a mentor on our Q&A platform

**Peer Chat** 3

Chat with peers and alumni