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Weekly challenge 5

Latest Submission Grade 100%

1. A data analyst wants to create a shareable report of their analysis with documentation of their process and notes explaining their code to stakeholders. What tool can they use to generate this?

1 / 1 point

○ Dashboards

○ Filters

○ Code chunks

◉ R Markdown

✅ **Correct**
R Markdown is a file format for making dynamic documents with R. R Markdown documents can be used to save, organize, and document code; create a record of your cleaning process; and generate reports with executable code for stakeholders.

2. A data analyst wants to export their R Markdown notebook as a text document. What are the text document formats they can use to share their R Markdown notebook? Select all that apply.

1 / 1 point

☑ Word

✅ **Correct**
R Markdown notebooks can be converted into HTML, PDF, and Word documents, slide presentations, and dashboards.

☑ HTML

✅ **Correct**
R Markdown notebooks can be converted into HTML, PDF, and Word documents, slide presentations, and dashboards.

☑ PDF

✅ **Correct**
R Markdown notebooks can be converted into HTML, PDF, and Word documents, slide presentations, and dashboards.

☐ Notepad

3. A data analyst wants to change their header to be one font size smaller. What should they add to their markdown syntax?

1 / 1 point

○ Exclamation mark

○ Double space

◉ Hashtag

○ Backtick

✅ **Correct**
Hashtags can be used to change the font size of headers. The more hashtags you add, the smaller the header.

4. Fill in the blank: A data analyst includes _____ in their R Markdown notebook so that they can refer to it directly in their explanation of their analysis.

1 / 1 point

○ markdown

○ inline code

○ documentation

○ YAML

✓ **Correct**
Inline code is code that can be inserted directly into a .rmd file.

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5. What symbol can be used to add bullet points in R Markdown?　　　　　　　　**1 / 1 point**

○ Backticks

○ Brackets

◉ Asterisks

○ Exclamation marks

✓ **Correct**
Asterisks can be used to add bullet points to an .rmd file. Hyphens can also be used.

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6. A data analyst adds a section of executable code to their .rmd file so users can execute it and generate the correct　　**1 / 1 point**
output. What is this section of code called?

○ YAML

○ Data plot

◉ Code chunk

○ Documentation

✓ **Correct**
Code added to a .rmd file is usually referred to as a code chunk. Code chunks allow users to execute R code
from within the .rmd file.

7.　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　**1 / 1 point**

A data analyst adds specific characters before and after their code chunk to mark where the data item begins and
ends in the .rmd file. What are these characters called?

○ Markdown

○ Backticks

○ Syntax

◉ Delimiters

✓ **Correct**
A delimiter is a character that indicates the beginning or end of a data item in a code chunk.

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8. Why would a data analyst create a template of their .rmd file? Select all that apply.　　　　　**1 / 1 point**

☐ To prevent other users from editing the file

☐ To create an interactive notebook

☑ To customize the appearance of a final report

✓ **Correct**
If an analyst creates the same kind of document over and over or customizes the appearance of a final
report, a template can save them time.

☑ To save time when creating the same kind of document

✓ Correct

If an analyst creates the same kind of document over and over or customizes the appearance of a final report, a template can save them time.