



## Quiz: Software Engineering

Quiz, 3 questions



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1. What role does software engineering play in data science?

- ☐ Software engineering's role is to build computing infrastructure to support complex data analyses
- ☐ Software engineering is used to increase the speed of machine learning algorithms.
- ☒ Software engineering is used to generalize data analyses into software so that they can be applied in different situations.

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2. Which is a benefit of building software packages for data analysis?

- ☐ Software packages are always smaller than regular code files.
- ☒ Software provides a well-defined interface that can abstract low-level technical details of data analysis routines.
- ☐ Software packages are generally faster than simple code.

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3. When should you consider developing a software package? Select all that apply.

- ☒ When an analysis or a part of an analysis must be done more than once or twice.
- ☒ If members of another team/group wish to apply your same analysis to their own datasets.
- ☐ Any time you analyze data.

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