

## Quiz 6

1. Regardless of the length of the final deliverable, the author recommends that it includes a cover page, table of contents, executive summary, a methodology section, and a discussion section. 1 point

- ☐ False.
- ☒ True.

2. An introductory section is always helpful in: 1 point

- ☒ Setting up the problem for the reader who might be new to the topic.
- ☐ Presenting the statistical calculations.
- ☐ Advertising the product.
- ☐ Introducing the research methods.

3. The results section is where you present: 1 point

- ☐ The methods used.
- ☐ The conclusion.
- ☒ The empirical findings.
- ☐ R Squared.

4. The discussion section is where you: 1 point

- ☒ Rely on the power of narrative to enable numbers to communicate your important findings to the readers.
- ☒ Refer the reader to the research question and the knowledge gaps you identified earlier.
- ☐ Introduce the research methods and data sources used for the analysis.
- ☐ Highlight how your findings provide the ultimate missing piece to the puzzle.

5. According to the reading, what is an example of housekeeping? 1 point

- ☒ Adding headings to charts.
- ☐ Saving the report as a PDF file.
- ☐ Adding a list of references.
- ☐ Adding slide numbers.

- ☒ I, **Ronny Fahrudin**, understand that submitting work that isn't my own may result in permanent failure of this course or deactivation of my Coursera account.
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### **Have You Done Your Job as a Writer?**

As a data scientist, you are expected to do a thorough analysis with the appropriate data, deploying the appropriate tools. As a writer, you are responsible for communicating your findings to the readers. *Transport Policy*, a leading research publication in transportation planning, offers a checklist for authors interested in publishing with the journal. The checklist is a series of questions authors are expected to consider before submitting their manuscript to the journal. I believe the checklist is useful for budding data scientists and, therefore, I have reproduced it verbatim for their benefit.

1. Have you told readers, at the outset, what they might gain by reading your paper?
2. Have you made the aim of your work clear?
3. Have you explained the significance of your contribution?
4. Have you set your work in the appropriate context by giving sufficient background (including a complete set of relevant references) to your work?
5. Have you addressed the question of practicality and usefulness?
6. Have you identified future developments that might result from your work?
7. Have you structured your paper in a clear and logical fashion?

### **Conclusion Report Structured**

- A. Introduction
  1. Cover page
  2. Table of Contents
  3. Abstract
  4. Introductory
- B. Body of Report
  5. Methodology
  6. Analysis Section
  7. Result of Analysis Section
- C. Conclusion
  8. Conclusion
  9. References (house keeping)
  10. appendices