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Final Exam
Graded Quiz • 36 min

🌐 English ⌄

Due Jun 25,
11:59 PM PDT

✅ **Congratulations! You passed!**

Grade
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1. According to the Module 1 reading, "The Sexiest Job in the 21st Century", a report published by the McKinsey Global Institute, it is projected that there would be a shortage of 140,000 – 190,000 people with what type of skills in the United States by 2018?

1 / 1 point

○ Management skills

○ Economic skills

○ Social skills

⦿ Deep analytical skills

✓ **Correct**

2. According to the Module 1 reading, "The Sexiest Job in the 21st Century", which of the following jobs was called by the Harvard Business Review the sexiest job of the 21st century?

1 / 1 point

○ Coal Mining.

○ Math and Statistics.

⦿ Data Science.

○ Engineering.

○ Renewable Energy Engineering.

✓ **Correct**

3. According to the Module 1 reading "What Makes Someone a Data Scientist", Hal Varian, the chief economist at what company, declared that "the sexy job in the next ten years will be statisticians"?

1 / 1 point

○ IBM

○ Facebook

○ Microsoft

⦿ Google

✓ **Correct**

4. According to the Module 1 reading "What Makes Someone a Data Scientist", the author defines a data scientist as someone who finds solutions to problems by analyzing data using appropriate tool and then tells stories to communicate their finding to the relevant stakeholders.

1 / 1 point

○ False.

⦿ True.

✓ **Correct**

5. According to the Module 2 reading "Data Mining", the output of what type of exercise largely depends on the quality of the data?

1 / 1 point

○ Hypothetical

⦿ Data mining

○ Experimental

○ Data processing

✓ **Correct**

6. According to the Module 2 reading, "Data Mining", when data is missing in a systematic way, you should determine the impact of _____ on the results and whether the missing data can be excluded from the analysis.

1 / 1 point

the impact of _____ on the results and whether the missing data can be excluded from the analysis.

○ The missing data

○ Averages

○ Extrapolation

○ Changing data

✓ **Correct**

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7. Based on the Module 2 reading, "Regression", which of the following best describes the real added value of the author's research on residential real estate properties?

◉ Quantifying the magnitude of relationships between housing prices and different determinants.

○ Quantifying people's preferences of different transport services.

○ The research revealed findings that opposed basic perceptions that people hold about the real estate properties.

○ The research determined that there was no correlation between proximity to shopping centers and housing prices.

✓ **Correct**

1 / 1 point

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8. Based on the Module 2 reading, "Regression", the author's research revealed that adding what additional room had a bigger impact than adding a bedroom?

○ Study

◉ Washroom

○ Theater room

○ Playroom

✓ **Correct**

1 / 1 point

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9. According to the Module 3 reading "The Final Deliverable", what is the ultimate purpose of analytics?

○ To efficiently store big data with minimum storage requirements.

◉ To communicate findings to stakeholders to formulate policy or strategy.

○ To facilitate meetings between sales and marketing.

○ To evangelize data science.

✓ **Correct**

1 / 1 point

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10. Based on The Module 3 reading, "The Final Deliverable", it mentions a common role of a data scientist is to use what to build a narrative to communicate findings to stakeholders?

○ Big data

○ Strategies

○ Spreadsheets

◉ Analytics insights

✓ **Correct**

1 / 1 point

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11. Based on the Module 3 reading, "The Report Structure", regardless of the length of the final deliverable, the author recommends that it includes a _____, table of contents, executive summary, a methodology section, and a discussion section.

○ Copy of the data set

◉ Cover page

○ Project scope statement

○ Dedication

✓ **Correct**

1 / 1 point

12. An introductory section is always helpful in introducing the research methods and presenting the statistical calculations.

1 / 1 point

◉ False.

○ True.

✓ **Correct**

12. An introductory section is always helpful in introducing the research methods and presenting the statistical calculations.

1 / 1 point

◉ False.

○ True.

✓ **Correct**