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Final Exam

Latest Submission Grade **91.66%**

1. According to the Module 1 reading, "The Sexiest Job in the 21st Century", a report published by the McKinsey Global Institute, in what year a shortage of 140,000 – 190,000 people with deep analytical skills in the United States is projected?

1 / 1 point

☐ 2020

☐ 2017

☐ 2015

☒ 2018

☒ 2018

☒ Correct

2. According to the Module 1 reading, "The Sexiest Job in the 21st Century", what adjective did Harvard Business Review use to describe the job of Data Science in the 21st century?

1 / 1 point

☒ sexiest

☐ exciting

☐ easiest

☐ appealing

☒ Correct

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

1 / 1 point

☒ Sexy☐ Easiest☐ Worst☐ Richest☒ 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 tools and then tells stories to communicate their findings to whom?

1 / 1 point

☐ The company

☐ Richest

☒ 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 tools and then tells stories to communicate their findings to whom?

1 / 1 point

☐ The company

☐ Their supervisor

☐ The public

☒ The relevant stakeholders

☒ Correct



5. According to the reading, "Data Mining", the output of a data mining exercise largely depends on:

1 / 1 point

- ☒ The quality of the data.
- ☐ The data scientist.
- ☐ The programming language used.
- ☐ The scope of the project.

✓ Correct

6. According to the Module 2 reading, "Data Mining", when data are missing in a systematic way, you can simply extrapolate the data or impute the missing data by filling in the average of the values around the missing data.

1 / 1 point

- ☒ False.
- ☐ True.



✓ Correct

6. According to the Module 2 reading, "Data Mining", when data are missing in a systematic way, you can simply extrapolate the data or impute the missing data by filling in the average of the values around the missing data.

1 / 1 point

☒ False.

☐ True.

✓ Correct

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?

1 / 1 point

☐ Quantifying people's preferences of different transport services.

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

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?

1 / 1 point

- ☐ Quantifying people's preferences of different transport services.
- ☐ The research determined that there was no correlation between proximity to shopping centers and housing prices.
- ☒ Quantifying the magnitude of relationships between housing prices and different determinants.
- ☐ The research revealed findings that opposed basic perceptions that people hold about the real estate properties.

 Correct

8. Based on the Module 2 reading, "Regression", adding what type of room impacted the price of a home the most?

1 / 1 point

- ☒ Washroom
- ☐ Theater room

8. Based on the Module 2 reading, "Regression", adding what type of room impacted the price of a home the most?

1 / 1 point

☒ Washroom

☐ Theater room

☐ Game room

☐ Bedroom

☒ Correct

9. According to the Module 3 reading, "The Final Deliverable", the ultimate purpose of _____ is to communicate findings to stakeholders to formulate policy or strategy.

1 / 1 point

☐ Sales

☐ Data science

☒ Analytics



9. According to the Module 3 reading, "The Final Deliverable", the ultimate purpose of _____ is to communicate findings to stakeholders to formulate policy or strategy.

1 / 1 point

- ☐ Sales
- ☐ Data science
- ☒ Analytics
- ☐ Big data

Correct

10. Based on the Module 3 reading, "The Final Deliverable", what is the role of a data scientist??

1 / 1 point

- ☐ Managing a team of analysts to create a predictive model.
- ☐ Developing a strategy to fix the problems in the findings.

10. Based on the Module 3 reading, "The Final Deliverable", what is the role of a data scientist??

1 / 1 point

- ☐ Managing a team of analysts to create a predictive model.
- ☐ Developing a strategy to fix the problems in the findings.
- ☒ Using insights to build a narrative to communicate findings.
- ☐ Using the data to put together a story that boosts financial outlooks.

✓ Correct

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 cover page, table of contents, executive summary, a methodology section, and a discussion section.

0 / 1 point

- ☐ True.

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 cover page, table of contents, executive summary, a methodology section, and a discussion section.

0 / 1 point

☐ True.☐ False.**Incorrect**

You didn't select an answer.

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

1 / 1 point

☐ True.☒ False.**Correct**