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Final Exam

Latest Submission Grade 100%

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

- ☐ Economic skills
- ☐ Management skills
- ☒ Deep analytical skills
- ☐ Social skills

✓ **Correct**

2. According to the Module 1 reading, "The Sexiest Job in the 21st Century", what magazine called Data Science the sexiest job of the 21st century?

1 / 1 point

- ☐ Forbes
- ☐ Wired
- ☐ Bloomberg Businessweek
- ☒ Harvard Business Review

 Correct

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

1 / 1 point

- ☒ Statisticians.
- ☐ Physicists.
- ☐ Computer Scientists.
- ☐ Engineers.

 Correct

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

1 / 1 point

- ☐ Data Engineer
- ☒ Data scientist
- ☐ Data analyst
- ☐ Statistician

 Correct

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

1 / 1 point

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

 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", the author's research on residential real estate properties quantified the magnitude of the relationships between housing prices and what?

1 / 1 point

☐ Mortgage rates☐ Mass transit availability☒ Different determinants☐ The current economy Correct

8. Based on the Module 2 reading, "Regression", what did the author's research reveal about the impact of an additional washroom on the price of a housing unit?

1 / 1 point

- ☒ The author found that an additional washroom adds more to the housing prices than an additional bedroom.
- ☐ The author found that an additional washroom did not have any impact on the pricing of a housing unit.
- ☐ The author found that an additional bedroom adds the same to the housing prices than an additional washroom. In other words, any additional room results in an equal increase to the housing prices.
- ☐ The author found that an additional bedroom adds more to the housing prices than an additional washroom.

 Correct

9. According to the Module 3 reading, "The Final Deliverable", the ultimate purpose of analytics is to communicate findings to what people to formulate policy or strategy?

1 / 1 point

- ☒ Stakeholders
- ☐ CEO's
- ☐ Salespeople
- ☐ Marketing

 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.
- ☒ Using insights to build a narrative to communicate findings.
- ☐ Using the data to put together a story that boosts financial outlooks.
- ☐ Developing a strategy to fix the problems in the findings.

✓ 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 _____, table of contents, executive summary, a methodology section, and a discussion section.

1 / 1 point

- ☐ Project scope statement
- ☐ Copy of the data set
- ☐ Dedication
- ☒ Cover page

✓ Correct

12. Based on the Module 3 reading, "The Report Structure", an introductory section is always helpful in setting up the problem for the reader who might be what?

1 / 1 point

- ☐ Looking for the statistical calculations
- ☐ In sales
- ☐ Wanting to know the research methods
- ☒ New to the topic

✓ Correct