

# Final Exam

✔ Congratulations! You passed!

Grade  
received 100%

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To pass 80% or  
higher

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1. According to the Module 1 reading, "The Sexiest Job in the 21st Century", a report by the McKinsey Global Institute, by 2018, it is projected that there will be a shortage of people with deep analytical skills in the United States. What is the size of this shortage?

1 / 1 point

- ☒ 140,000 – 190,000 people
- ☐ 20,000 – 50,000 people
- ☐ 3 – 6 million people
- ☐ 120,000 people
- ☐ 800,000 – 900,000 people

✔ Correct

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

1 / 1 point

- ☐ 19th century
- ☐ 22nd century
- ☒ 21st century
- ☐ 20th century

✔ 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

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

✔ Correct

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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 relevant stakeholders
- ☐ The public
- ☐ The company
- ☐ Their supervisor

✓ Correct

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

1 / 1 point

- ☐ The project
- ☐ The data scientist
- ☐ The material
- ☒ The data

✓ Correct

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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

- ☐ Extrapolation
- ☐ Averages
- ☒ The missing data
- ☐ Changing data

✓ Correct

7. Based on the Module 2 reading, "Regression", the real added value of the author's research on what type of properties is quantifying the magnitude of relationships between housing prices and different determinants?

1 / 1 point

- ☒ Residential real estate
- ☐ Foreclosed
- ☐ Vacant
- ☐ Commercial real estate

✓ Correct

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

1 / 1 point

- ☐ Dining room
- ☐ Theater room
- ☐ Playroom
- ☒ Bedroom

✓ Correct

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

1 / 1 point

- ☐ Efficiently store big data with minimum storage requirements
- ☒ Formulate policy or strategy
- ☐ Evangelize data science
- ☐ Facilitate meetings between sales and marketing

✓ Correct

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?

1 / 1 point

- ☐ Big data
- ☐ Strategies
- ☒ Analytics insights
- ☐ Spreadsheets

✓ 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

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

✓ Correct

12. Based on the Module 3 reading, "The Report Structure", an introductory section is always helpful in doing what for the reader who might be new to the topic?

1 / 1 point

- ☐ Presenting the statistical calculations
- ☐ Describing the data set
- ☐ Showing the research methods
- ☒ Setting up the problem

✓ Correct