✓ **Congratulations! You passed!**

Grade received 90%   **Latest Submission Grade** 90%   **To pass** 70% or higher

Retake the assignment in
7h 57m

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1. Which of the following is the most necessary set of skills and knowledge for a data engineer?

○ Higher mathematics such as calculus

○ Client service skills

⦿ Communication and presentation skills

○ Domain-specific knowledge

1 / 1 point

> ✓ **Correct**
> Correct. Data engineers need to be able to present results effectively, as well as gathering needs and requirements from stakeholders.

2. What is a characteristic function that data scientists do?

○ Build machine learning models.

⦿ Make business decisions based on data and other factors.

○ Mine data and translate it into actionable insights.

○ Model data and design data pipelines

0 / 1 point

> ⊗ **Incorrect**
> Incorrect. Please refer to the Understanding the Role of a Data Engineer video.

3. What kind of growth is predicted in the data engineering field?

○ High, but only in the United States

○ About 80%

⦿ Very high growth

○ Minimal, but steady

1 / 1 point

> ✓ **Correct**
> Correct. Some sources have predicted 50% year-over-year increase.

4. In what field(s) do data scientists commonly work?

○ Academia

○ Technology

○ Mathematics and statistics

⦿ Many different fields

1 / 1 point

> ✓ **Correct**
> Correct. Data science is now used in many industries for many purposes, so the opportunities are broad ranging.

5. What is a good source of portfolio content?

○ Unfinished projects

○ Work for previous employers covered by an NDA

⦿ Freelance work

1 / 1 point

○ Freelance work

○ Examples found online

> ✓ **Correct**
> Correct. Many people work as freelancers to gain experience, and if you have permission, you can include freelance work as part of your portfolio.

6. What is a good way to decide which skills to highlight in your portfolio?   `1 / 1 point`

○ Asking friends

◉ Reading job listings

○ Including everything you've worked on

○ Using a template

> ✓ **Correct**
> Correct. To build a portfolio for the job you want, start by understanding which skills you will need to demonstrate by studying current job listings.

7. If you decide to build a new project to include in your portfolio, what is good advice?   `1 / 1 point`

○ Use whatever ideas come to mind since almost anything you work on will be interesting.

○ Real-world data sets are messy – it's best to avoid them for good results.

○ Don't visit data science communities; you don't want to accidentally plagiarize an idea.

◉ Use GitHub to host your projects.

> ✓ **Correct**
> Correct. GitHub is accessible and familiar to most professionals in technical fields.

8. Should you include hobbies and interests on your resume?   `1 / 1 point`

◉ Only if you have limited experience or skills relevant to the job.

○ Some are okay – it helps potential employers know you better.

○ No, never.

○ Always, to provide a more well-rounded view of a potential candidate.

> ✓ **Correct**
> Correct. Hobbies can help flesh out your skills if they are not strong but can be distracting if they're unrelated to the job.

9. What is usually the largest part of your resume?   `1 / 1 point`

◉ Work experience

○ Education

○ Contact information

○ Skill summary

> ✓ **Correct**
> Correct. The work experience section is usually the largest part of your resume.

10. What is a good way to make your resume work well with search engine optimization (SEO) and applicant tracking system (ATS) software?   `1 / 1 point`

○ Use very specialized vocabulary and jargon.

○ Use and repeat as many keywords as possible.

○ Add large image files.

◉ Add alt-text to every image, photo, and graphic you use.

✓ **Correct**

Correct. Users and website visitors who are visually impaired rely on alt-text and screen readers to understand graphic content, and this also adds keywords.