Google Cloud - Preparing for the Professional Data Engineer Examination

Code:	GCP-PRO-DTA-EX
Length:	1 days
URL:	[View Online](#)

Preparing for the Professional Data Engineering Certification Exam. Elaborates on the exam. Rehearses useful skills including exam question reasoning and case comprehension. Tips. Review of topics from the Infrastructure curriculum.

Who Can Benefit

Cloud professionals who intend to take the Professional Data Engineer certification exam Knowledge and experience with Google Cloud, equivalent to Google Cloud Big Data and Machine Learning Fundamentals course Knowledge of data engineering and ML solutions, equivalent to Data Engineering on Google Cloud course Industry experience with data engineering and cloud computing

Course Details

Course Outline

From the course: "The best way to prepare for the exam is to be competent in the skills required of the job." This course uses a top-down approach to recognize knowledge and skills already known, and to surface information and skill areas for additional preparation. You can use this course to help create your own custom preparation plan. It helps you distinguish what you know from what you don't know. And it helps you develop and practice skills required of practitioners who perform this job. The course follows the organization of the Exam Guide outline, presenting highest-level concepts, "touchstones", for you to determine whether you feel confident about your knowledge of that area and its dependent concepts, or if you want more study. You also will learn about and have the opportunity to practice key job skills, including cognitive skills such as case analysis, identifying technical watchpoints, and developing proposed solutions. These are job skills that are also exam skills. You will also test your basic abilities with Activity Tracking Challenge Labs. And you will have many sample questions similar to those on the exam, including solutions. The end of the course contains an ungraded practice exam quiz, followed by a graded practice exam quiz that simulates the exam-taking experience.

- Understanding the Professional Data Engineer Certification
- Establish basic knowledge about the certification exam and eliminate any confusion or misunderstandings about the process and nature of the exam itself.
- Sample Case Studies for the Professional Data Engineer Exam
- In-depth review of the Case Studies provided for exam preparation
- Designing and Building (Review and preparation tips)
- Tips and examples covering data processing systems design skills, data structures, and database skills that could be tested on the exam.

- Analyzing and Modeling (Review and preparation tips)

- Tips and examples covering data analysis, analysis and optimization of business processes, and machine learning skills that could be tested on the exam.

- Reliability, Policy, and Security (Review and preparation tips)

- Tips and examples covering reliability, policies, security, and compliance skills that could be tested on the exam.

- Resources and next steps

- Resources for learning more about identified subjects that could be tested on the exam.

Schedule (as of 3)

Date	Location

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