1. Data Engineering is a highly technical field. While communication, collaboration, and project management skills are somewhat useful, you don't need these skills in order to grow in your role as a data engineer.

   1 / 1 point

   ○ True

   ◉ False

   > ✓ **Correct**
   > In order to grow in your role and responsibilities, it is important for you to develop both functional and soft skills, alongside your technical skills.

2. As a Lead Data Engineer what are some of the things you may be responsible for in addition to your hands-on skills?

   1 / 1 point

   ○ Visualize data to interpret and present the findings of data analysis

   ○ Identify correlations, find patterns, and apply statistical methods to analyze and mine data

   ○ Provide business intelligence solutions by extracting insights from data

   ◉ Converting business requirements into technical specifications

   > ✓ **Correct**
   > As you grow into a lead position, you will serve as a bridge between what business wants and the technical solution created by the data engineering team.

3. What are some of the factors that influence your growth on your journey from an Associate Data Engineer to a Principal Data Engineer role?

   1 / 1 point

   ◉ The amount of experience you gain within your chosen area of specialization and your understanding of other areas within data engineering

   ○ If you spend enough time at one level, you are bound to grow into the next level role in a couple of years.

   ○ Domain specialization, such as in Healthcare, Banking, and Technology

   ○ A Master's degree in either Mathematics or Statistics

   > ✓ **Correct**
   > Growing up the ranks will require you to not only expand your skills in your niche, but also in different areas within data engineering.

4. If you are an IT Support Specialist or a Software Tester gaining an entry into the field of data engineering will not be possible for you.

〇 True

◉ False

⊘ **Correct**
If you are an IT Support Specialist, a Software Tester, or involved in any other technical role in your current job, you can upskill to gain an entry into data engineering.

1 / 1 point

5. If you have basic familiarity with coding, you can develop some baseline technical skills that can get you started on your journey as a Data Engineer. What are some of these baseline skills?

〇 Familiarity with Big Data processing tools

〇 Architecting data warehouses

◉ Knowledge of operating systems, databases, and programming and query languages

〇 Designing data pipelines

⊘ **Correct**
Along with basic coding skills, knowledge of different operating systems, databases, and languages can get you started in the field of data engineering.

1 / 1 point