1. How do cloud-based tools help cloud data analysts create visualizations that allow stakeholders to make informed decisions?

- ❌ Cloud-based tools offer access to more image options for data visualizations.
- ❌ Cloud-based tools have more features and settings than other data visualization tools.
- ✅ **Cloud-based tools allow public cloud-based data sources to combine with local data sources.**
  🟦 *This integration enables analysts to create more comprehensive and insightful visualizations.*
- ❌ Cloud-based tools allow cloud data analysts to publicly share their visualizations.

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2. What is a benefit of using a cloud visualization tool?

- ❌ It allows cloud data analysts to keep data in silos, so the data cannot be modified.
- ✅ **It allows cloud data analysts to analyze and activate data from a variety of sources.**
  🟦 *Cloud tools support combining and analyzing data from multiple sources, enhancing flexibility and insight.*
- ❌ It allows cloud data analysts to create a shareable public visualization.
- ❌ It allows the project stakeholders to access raw data.

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3. A data analyst is designing a web-based visualization and considers the security of the data. What should they do to guarantee that the visualization is used as intended for each user while keeping the data safe?

- ❌ Give all the users who need access a more limited viewer permission for the visualization.
- ❌ Create a personalized version of the visualization for each user.
- ✅ **Give each user permission to access the visualization according to how they would use the visualization.**
  🟦 *Role-based access ensures users have the right level of interaction while maintaining data security.*

- ❌ Give all the users who need to access the visualization administrative privileges.

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4. A cloud data analyst is designing a dashboard. As a next step, they consider the options to keep the data current. What is the data analyst considering?

- ✅ **Data freshness**
  🟦 *Data freshness refers to how up-to-date the data is in a report or dashboard.*
- ❌ Data input
- ❌ Data schedule
- ❌ Data update

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5. As a cloud data analyst, you will use the cloud to access open data to enrich your visualizations. Which are the four main types of data sources in the cloud?

- ✅ **Public, product-specific, platforms, and company-specific**
  🟦 *These are the four key categories of cloud data sources commonly used in analytics.*
- ❌ Government, proprietary, advertising, and social media
- ❌ Financial, economic, governmental, and non-governmental
- ❌ Data sources, datasets, databases, and spreadsheets