

Module 3 Wrap-Up: Accessing, Exploring, and Reporting on Cloud Data

Cloud Data Professional Skills

- You've developed essential skills in **accessing**, **exploring**, and **reporting** on cloud-based data.
 - These skills are foundational for creating impactful visualizations and driving data-informed decisions.
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Choosing the Right Visualization Tools

- You learned how **data visualization tools vary** in functionality.
 - You practiced **selecting the best tool** for each phase of the **data analytics workflow**, ensuring efficiency and clarity.
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Working with Cloud Data Sources

- You explored how to use data from **data lakehouses**, **data warehouses**, and other cloud-based sources.
 - This gave you experience in handling large-scale, structured datasets.
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Understanding Data Models

- You identified and worked with **data types**, **dimensions**, and **measures**.
 - These concepts are crucial for **data modeling**, which helps structure and interpret datasets effectively.
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Modeling Data for Visualizations

- You practiced **modifying**, **blending**, and **aggregating** data.
 - These techniques allow you to prepare data for clear and insightful visualizations.
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Organizing and Manipulating Data

- You learned how to **clean and format data** to enhance readability and usability.
 - This step ensures that your visualizations are accurate and meaningful.
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Creating Reports with Looker Studio

- You connected to a **Google Analytics (GA4)** data source via **BigQuery**.
 - You explored the dataset, created calculated fields, and built a report using:
 - **Bar charts**
 - **Scorecards**
 - **Maps**
 - **Tables**
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Final Encouragement

“Awesome job on your progress. Keep it up!”