

***NobleProg***

# Teradata Fundamentals

The background of the slide features a light gray world map. Overlaid on the map are several overlapping circles of various colors (blue, green, yellow, orange, red, purple). Each circle contains a photograph of a diverse group of people, likely students or professionals, smiling and engaged in learning or work.

The World's Local Training Provider

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# About your trainer

- Pablo Maldonado
- Worked with NobleProg since January, teaching since 2006.
- Data Scientist
- Projects across several industries:
  - Telco / financial services.
  - Ecommerce and digital marketing.
  - IoT / Sensor / Time series data

# About you

- Name / Background
- Experience with Teradata / Databases?
- Where and how will you be using this knowledge?
- If you are using Teradata already, what's the biggest challenge?
- Which Teradata version are you working with? Which packages?

# Course Outline

Day 1	Day 2	Day 3
<ul style="list-style-type: none"><li>- Teradata Architecture.</li><li>- Quick SQL overview.</li><li>- CASE, COALESCE.</li><li>- String &amp; Regex functions.</li><li>- Date/Time manipulation.</li></ul>	<ul style="list-style-type: none"><li>- Indexes.</li><li>- Join types and strategies.</li><li>- Performance tuning.</li><li>- Analysis of query plans.</li></ul>	<ul style="list-style-type: none"><li>- Recursive queries.</li><li>- Macros, Stored Procedures and OLAP functions.</li><li>- Import/Export utilities.</li><li>- User management &amp; security.</li></ul>

# Timeline

- 09:00 - 12:00 (with 5-10 min break in the middle)
- 13:00 - 16:00

## **After the course:**

- Course Survey
- Certificate