

Take-home Assignment

Datasets & Definitions:

- Online Registration
 - Online Registration Date: when the clients indicate interest in the project
 - Lead ID: unique identifier for a client if a client's status is Lead
 - Contact ID: unique identifier for a client if a client's status is contact
 - When a client has both Lead & Contact ID, you can decide which ID to use to join the table
- Client Interest
 - Interest ID: The unique identifier of a client's interest
 - Lead ID: unique identifier for a client if a client's status is Lead
 - Contact ID: unique identifier for a client if a client's status is contact
 - Created Date: When the clients indicate interest in a specific home type
 - Preference #: each client can have up to 3 preferences

Key questions to answer:

- How many customers registered online? What is the trend?
- How many customers indicated specific home type interests in this project? What's the trend?
- Who are our customers that are interested in buying?
- What other insights can you find?

Deliverable

- 20-minute Presentation on
 - The data model
 - The Power BI report(s)
 - The findings
- 10-minute Q&A