Course 3: Prepare Duta for Exploration

That will cover

- · How duty is genorated
- · Different fromats · Analyze bias and predebility
- · What is "Clean duta"
- · Extouet own diety Spreadsheets &
- · Basics of deeta org. So
- · Protecting duta

Week I

Data is generated all time

every minute millions text and hundreds of millions of emails are

sent Millions of online searches are viewed

Those numbers are only grewing

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	"Every piece of "information is later"
	All duty is usually generated as a result of our activity in the world.
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"Data models help us keep	derta
consistent and they give us	
of how deeply is organized	

What is Date Modeling?

level of detail!

It is the process of creating diagrams, that visually represent how duty is organized and structured Visual representations core called Data Models.

· A bluepoint of a house' Each level of darty modeling has different

OGICAL

PHYSICAL

(1) Conceptual: Gives a high-level view of your deta stoucture - How you want derty to intermet across on organization

(2) Logical: Focuses on the technical details of the model such as relationships, attributes & entities.

Date:
(3) Physical: Show in actual that how the destubuse is built.
 Here you lay-out how each destribuse will be put in place cond DB, APPS, Features will interest in specific detail
→ Data Modeling Techniques:  Two common: [ ]
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