Data Science: extract knowledge from large sale data and use it for prodiction, decision making, etc

Invitant field because.

- O new sources of data
- B New capabilities to acrosse , store, process data
- (New alsos + methods to analyze date

thin covise criss 3 main topics?

- O Puter duction + Applications of data science
- & Machine learning + data amily tics
- (3) Big data processing + manipulation
- Ver ratings prediction

 Ly massive data (looking ratings, sx los vsers, etc)

 Ly thish dimensionality; complianted sot of Actors

 Ly missing data; gay, of late missing
- Stock market production

 rent estate production

Ingredients for data Science:

- hata
- machine learning
- Ass Nota Manipulation trahaires

() Video:

Difference between data t knowledge?

- knowledge is useful your of data for your application

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 $\binom{n}{2}$