

ONLINE MASTERS IN DATA SCIENCE

DSC 207 - PYTHON FOR DATA SCIENCE


PHASES OF THE DATA SCIENCE PROCESS - PART 1

İLKAY ALTINTAŞ, PH.D.

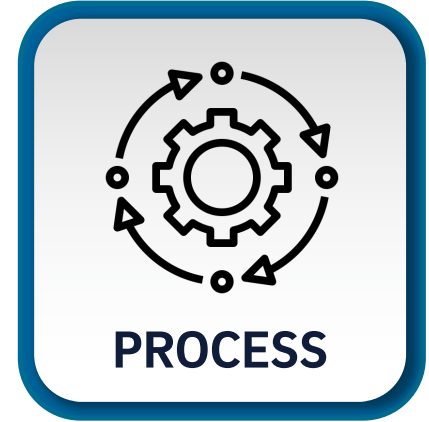
UC San Diego

COMPUTER SCIENCE & ENGINEERING
HALICIOĞLU DATA SCIENCE INSTITUTE

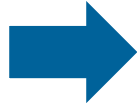
By the end of this video, you will be able to:

- Identify the broad dimensions of data science
 - List some questions others asked to get value of their big data
 - Formulate the right questions to guide your data science process
 - List the steps involved in common data science processes
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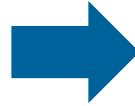
Dimensions of Data Science



Asking the Right Question



Define the
Problem



Assess the
Situation

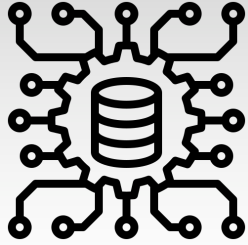


List
Objectives

Data Science Process



Data Science Process



**DATA
ENGINEERING**



**DATA
ANALYSIS**



**COMPUTATIONAL
BIG DATA SCIENCE**



AQUIRE

1



PREPARE

2



ANALYZE

3



REPORT

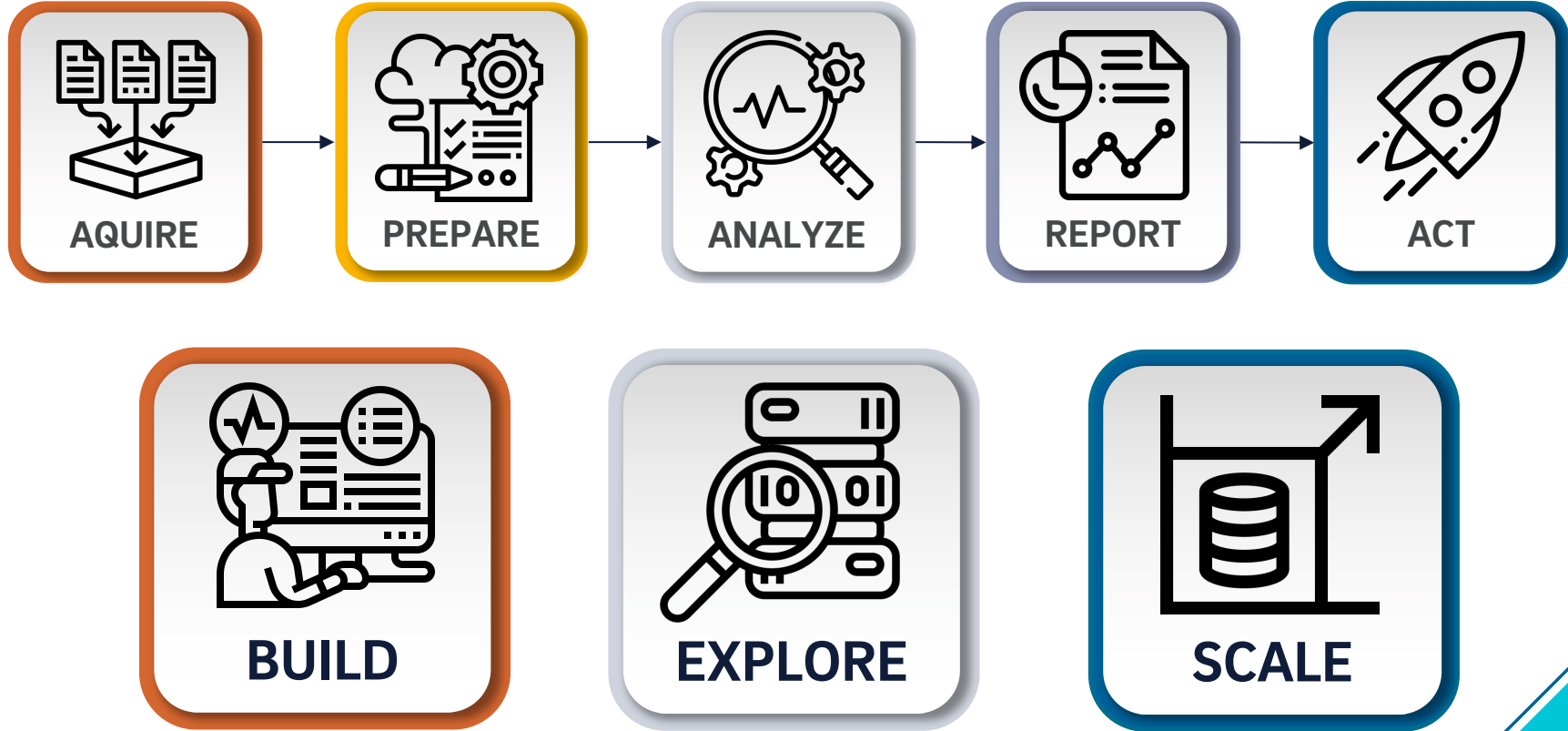
4



ACT

5

Phases of the Data Science Process



Programming for Repeatable and Scalable Data Science

What programming language do you use on a regular basis?

