

**How does data science
happen? :**

Five P's of Data Science

After this video you will be able to..

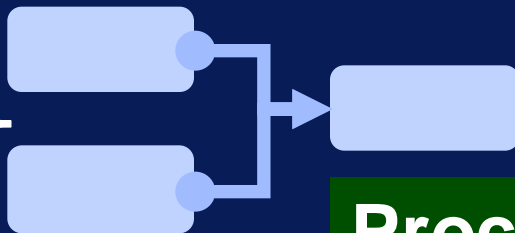
- List the five P's as dimensions of modern data science
- Explain how big data influenced these five P's
- Identify why these P's are important for you



People



Purpose



Process



Platforms


Programmability

Purpose





**Rate of Spread
and
Direction**



**Let's not dive into the techniques yet!
What is the problem at large? How do
you see yourself solving it?**

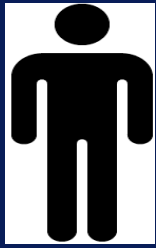
Components of Data Science



People



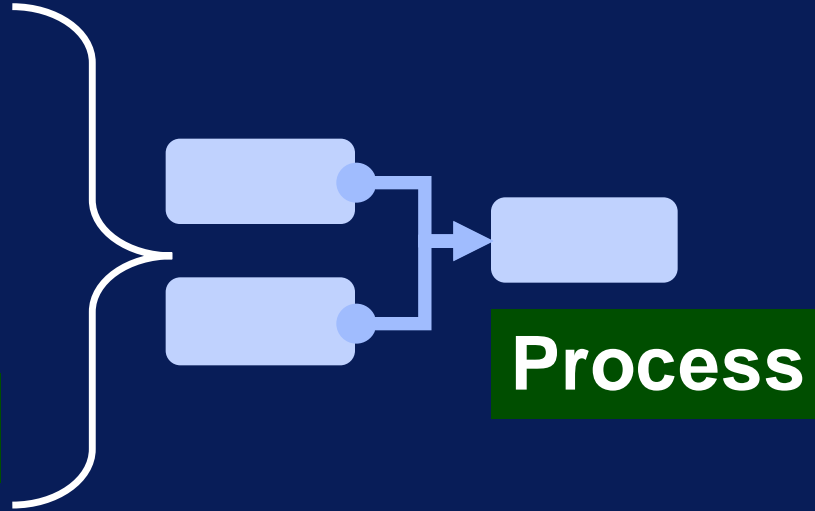
Purpose



People



Purpose



Big Data Engineering

Computational Big Data Science

ACQUIRE

PREPARE

ANALYZE

REPORT

ACT

Big Data Engineering

Computational Big Data Science

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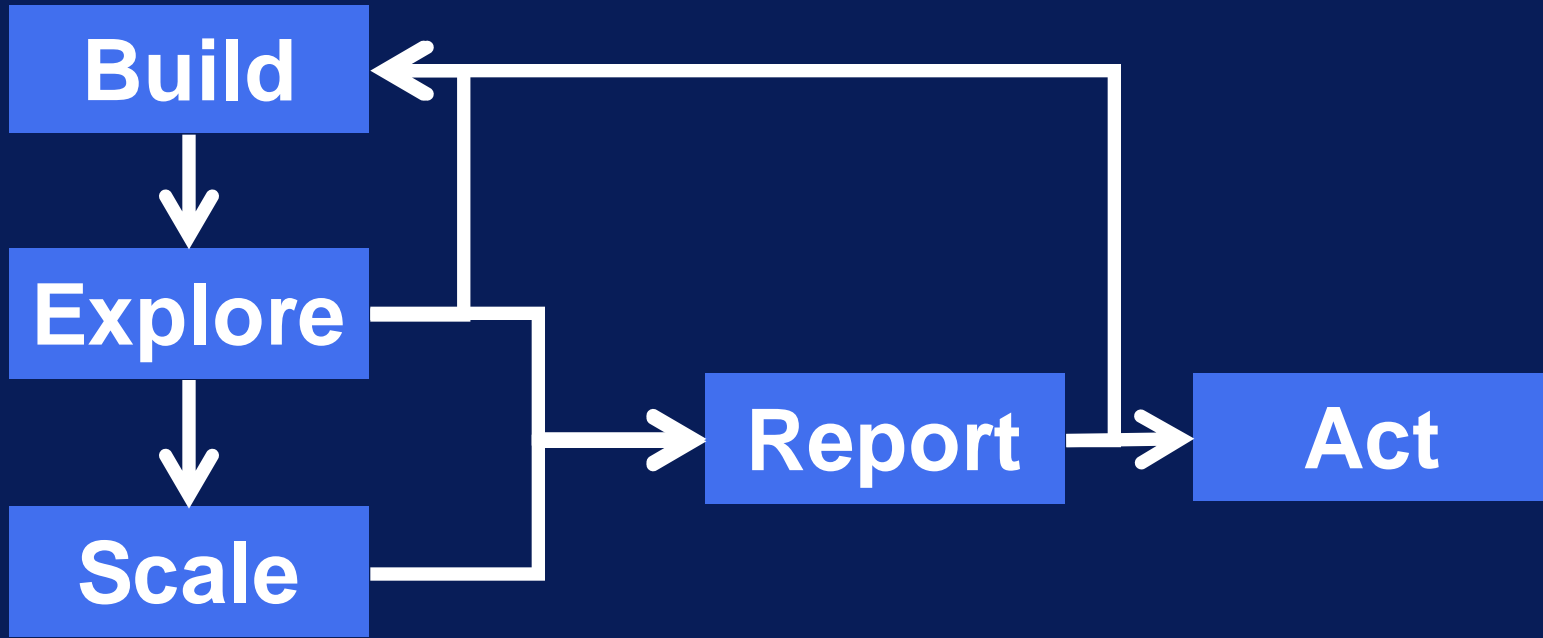
ACT

Scale

Scale

Scale

Scale

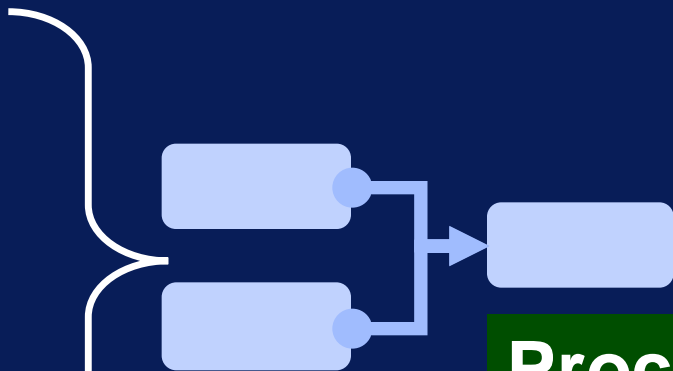




People



Purpose



Process



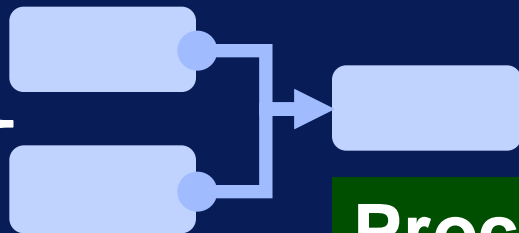
Platforms



People



Purpose



Process



Platforms

Programmability

Process: Build metrics for accountability

Cost

Timeline

Planning of deliverables

Expectations

Purpose

