

**How does data science
happen? :**

Five P's of Data Science

After this video you will be able to..

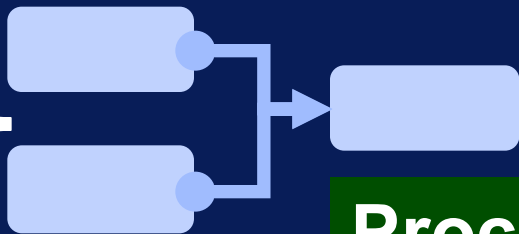
- List the five P's as dimensions of modern data science
- Explain how big data influenced these five P's
- Identify why these P's are important for you



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



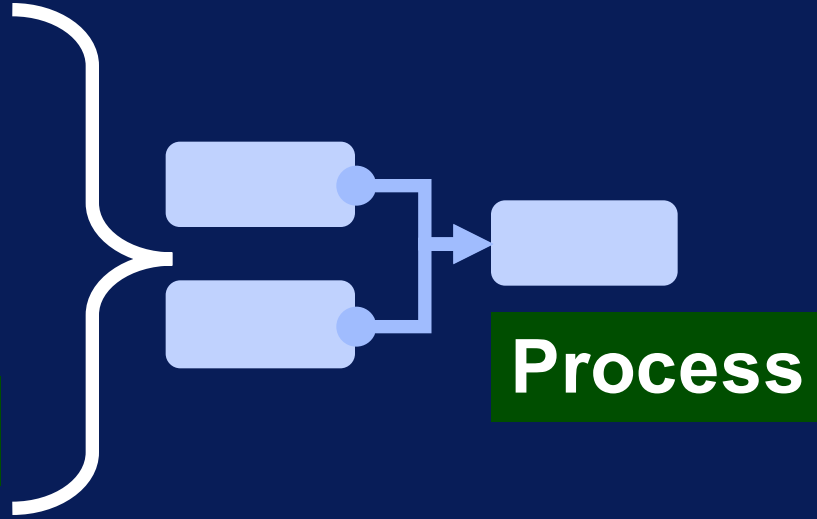
Purpose



People



Purpose



Big Data Engineering

Computational Big Data Science

ACQUIRE

PREPARE

ANALYZE

REPORT

ACT

Big Data Engineering

Computational Big Data Science

ACQUIRE

PREPARE

ANALYZE

REPORT

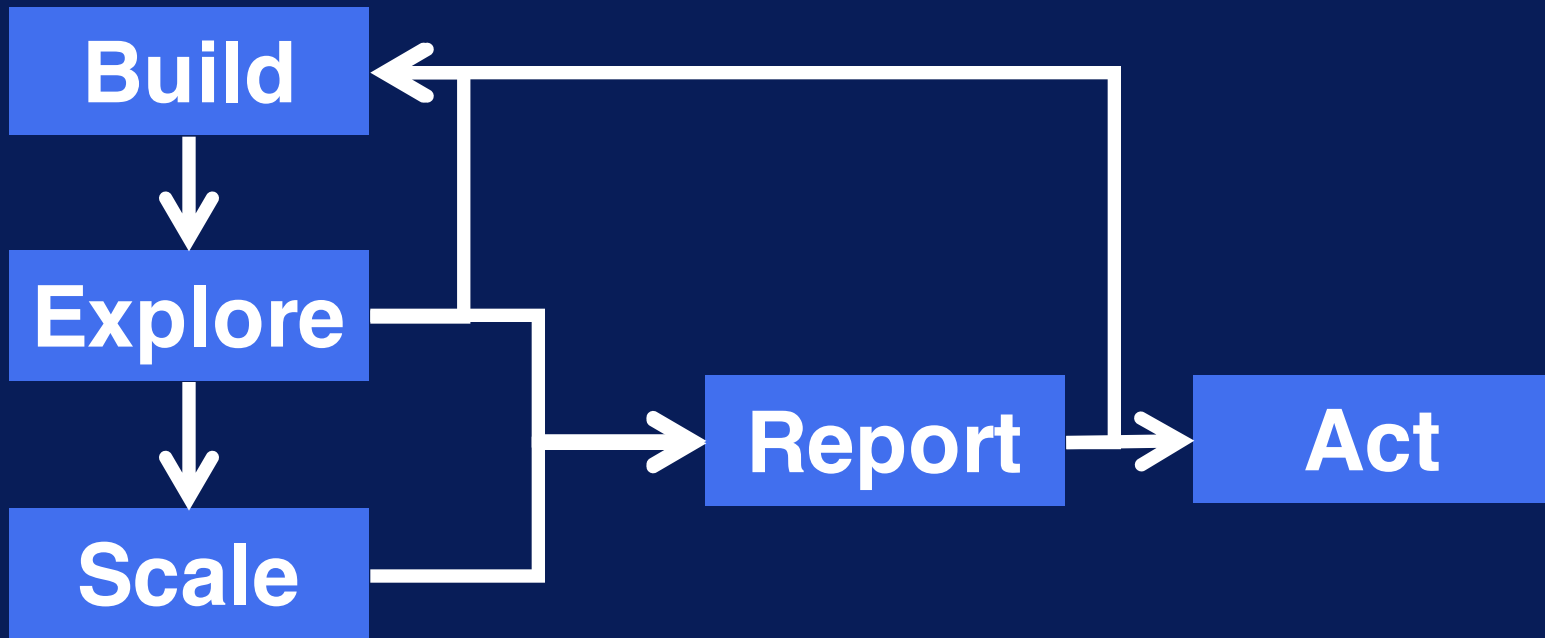
ACT

Scale

Scale

Scale

Scale

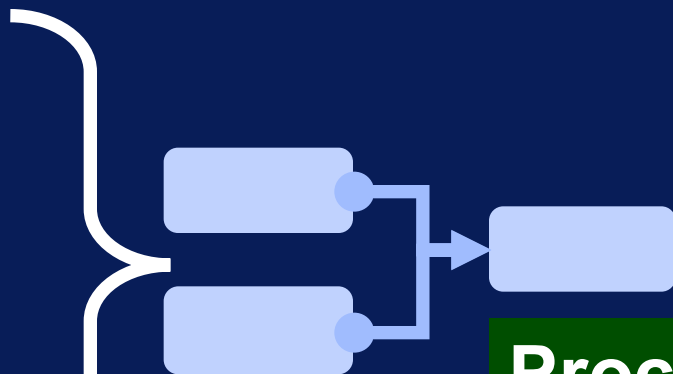




People



Purpose



Process



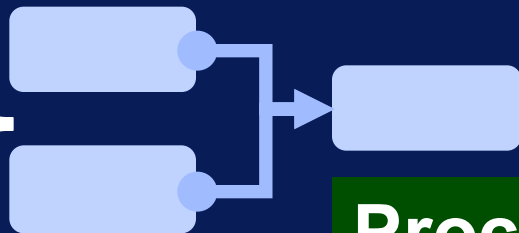
Platforms



People



Purpose



Process



Platforms

Programmability

Process: Build metrics for accountability

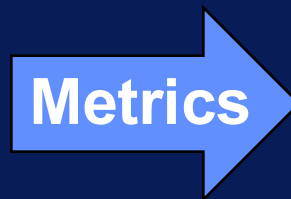
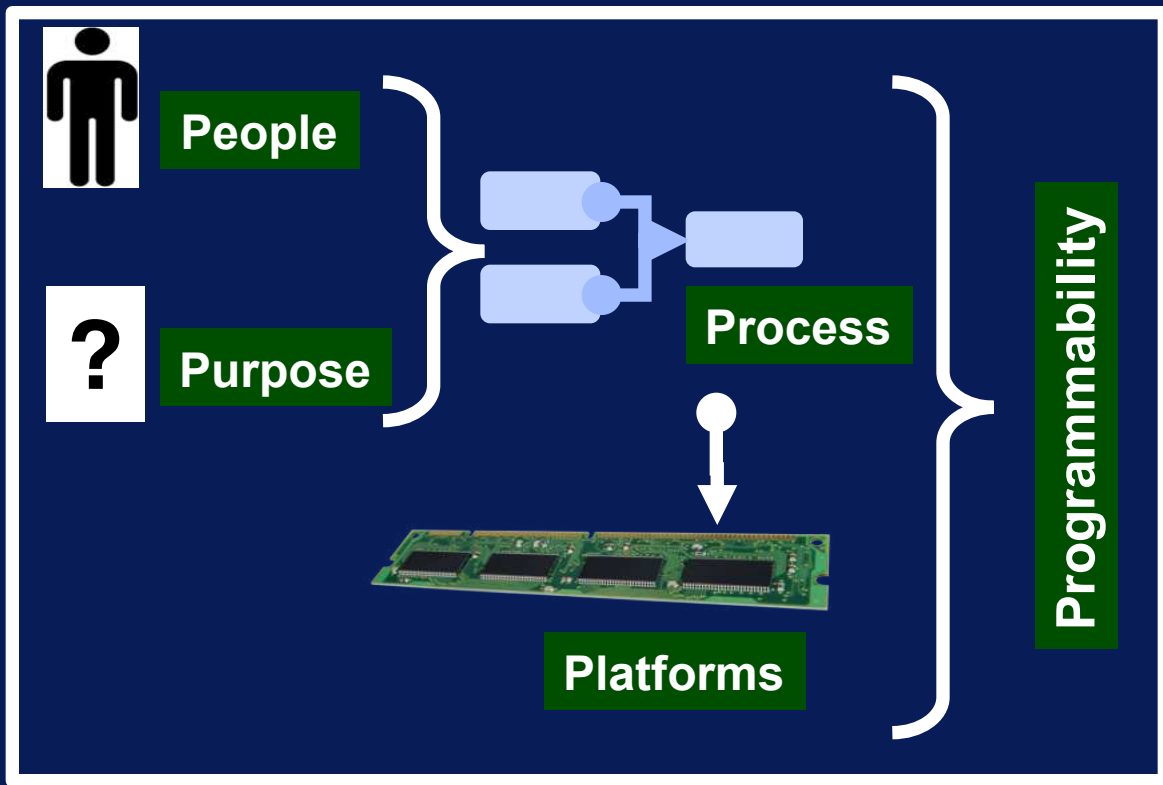
Cost

Timeline

Planning of deliverables

Expectations

Purpose



Product