# The **Hamster Wheel** and the **How** and **Why** of **Agile Data Science**

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## The Question?

Doing vast amounts of homework with my pets led me to wonder:

How do

- Cats
- Hamsters
- Hamster Wheels

relate to Data Science?

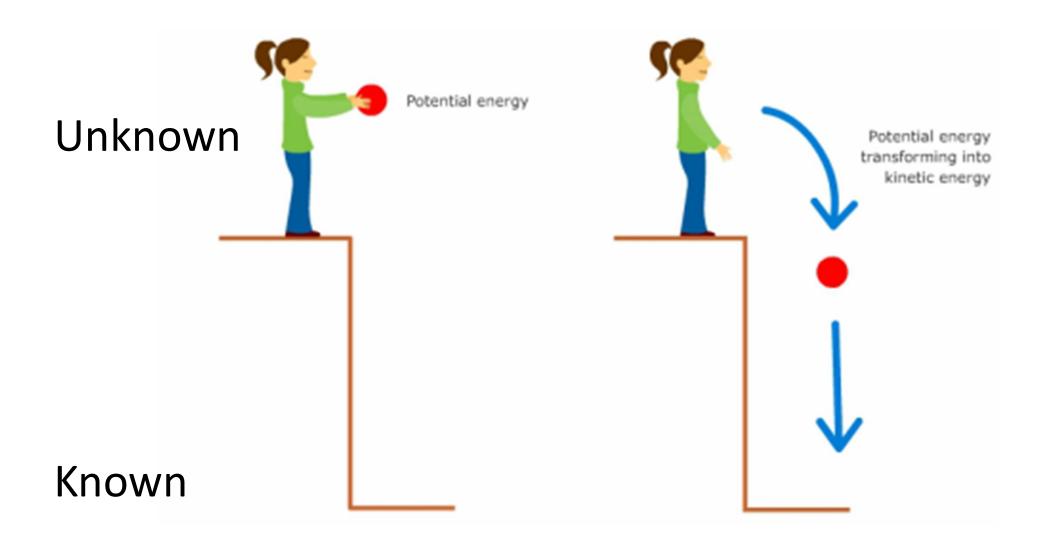


## Found Answer on My Favorite Tee

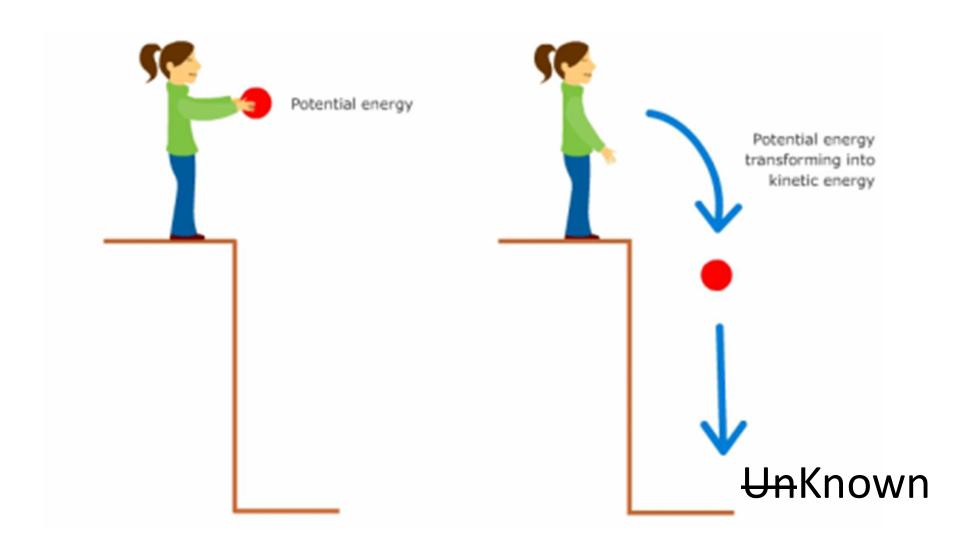


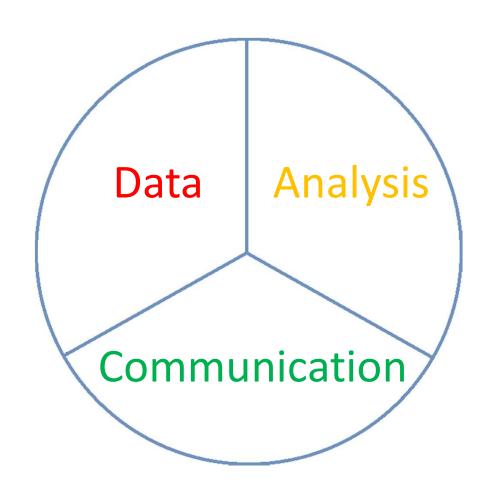
Curiosity = Desire To Know the Unknown

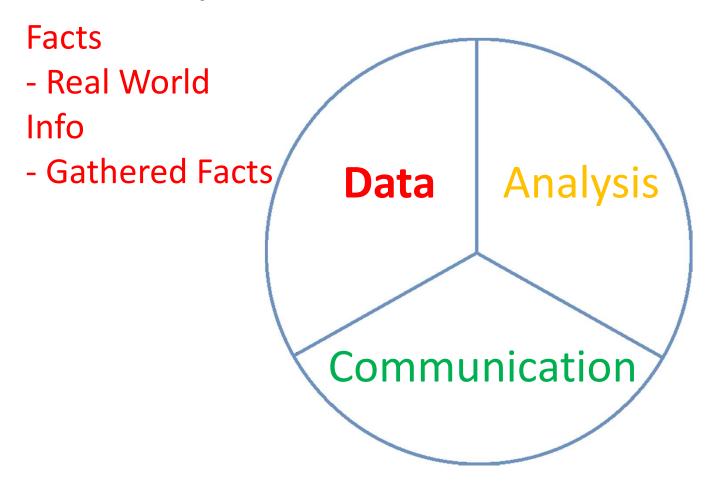
# Curiosity = Potential Energy

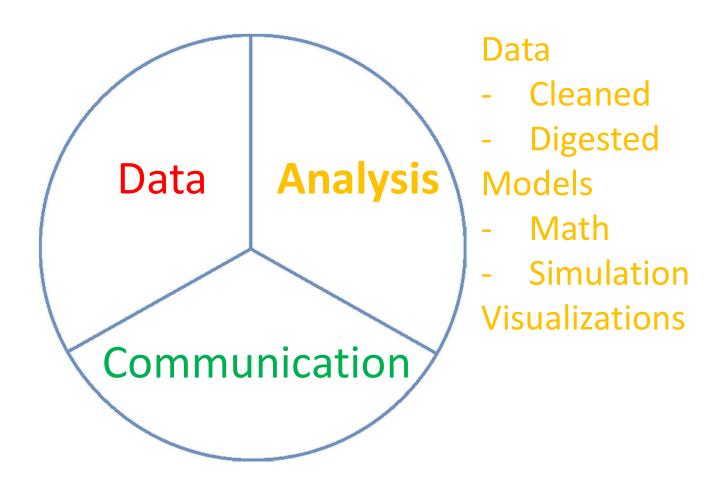


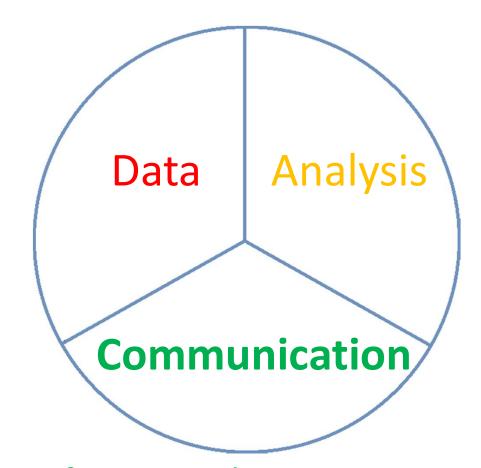
#### Data Science Projects -> How to Know Unknown







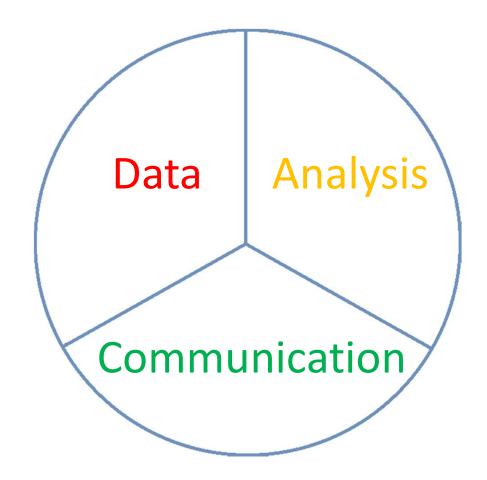




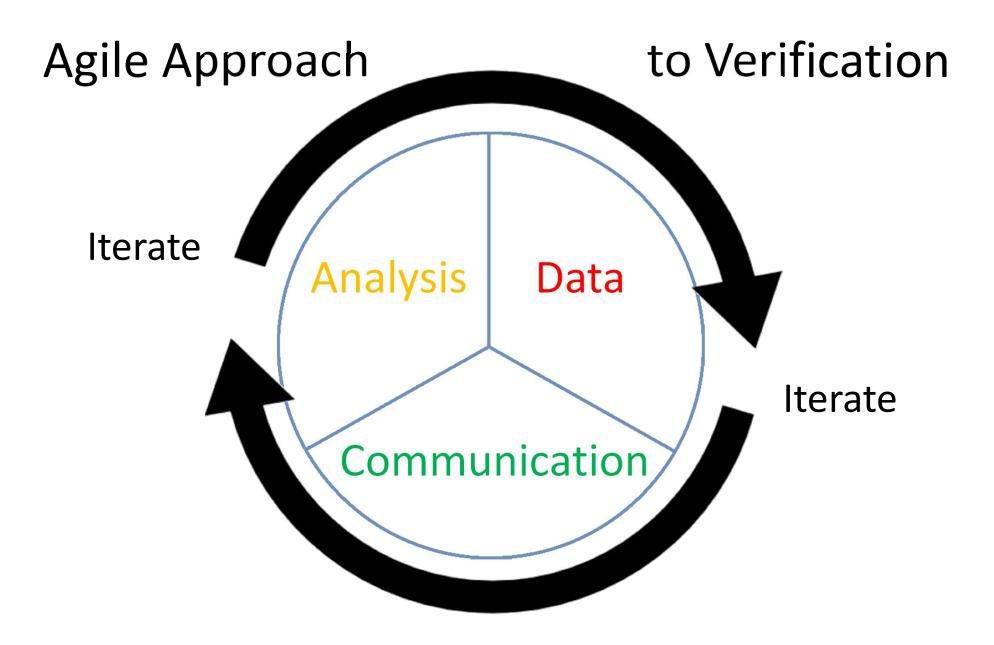
Verification = Client Agreement + Reality Check

- Reports
- Presentations
- User Interfaces

### Most Important for Working Data Scientists



**Verification = Client Agreement + Reality Check** 



**Verification = Client Agreement + Reality Check** 

Why? - because we (i.e. the client) wants to know

How? - iterate Data, Analysis, & Communication

#### Unknown

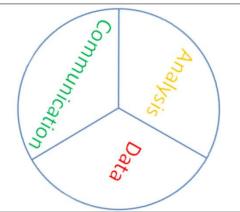


Known

<del>Un</del>Known

Keep going until

#### Unknown

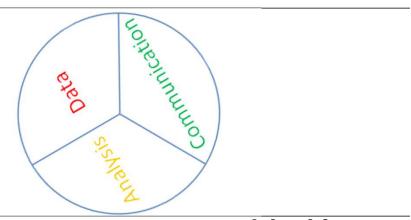


Known

<del>Un</del>Known

Keep going until

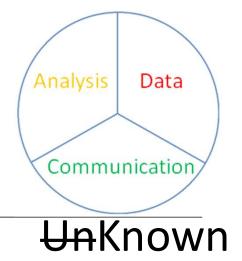
#### Unknown



Known

<del>Un</del>Known

the client knows what they want



# Or Until the Cat is Curious Again



Thank You ©