

Azamat Omuraliev | Senior Data Scientist @ ING PyData Amsterdam, 16 September 2023

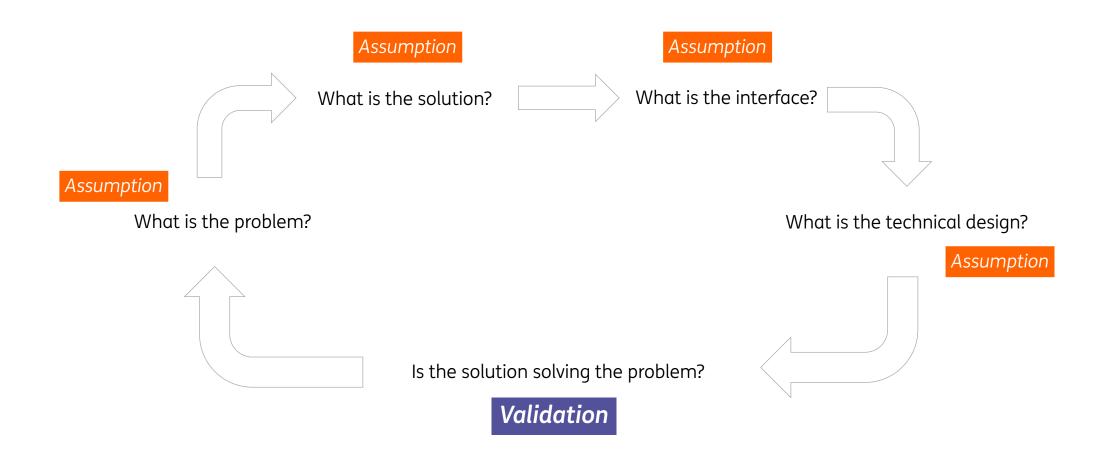


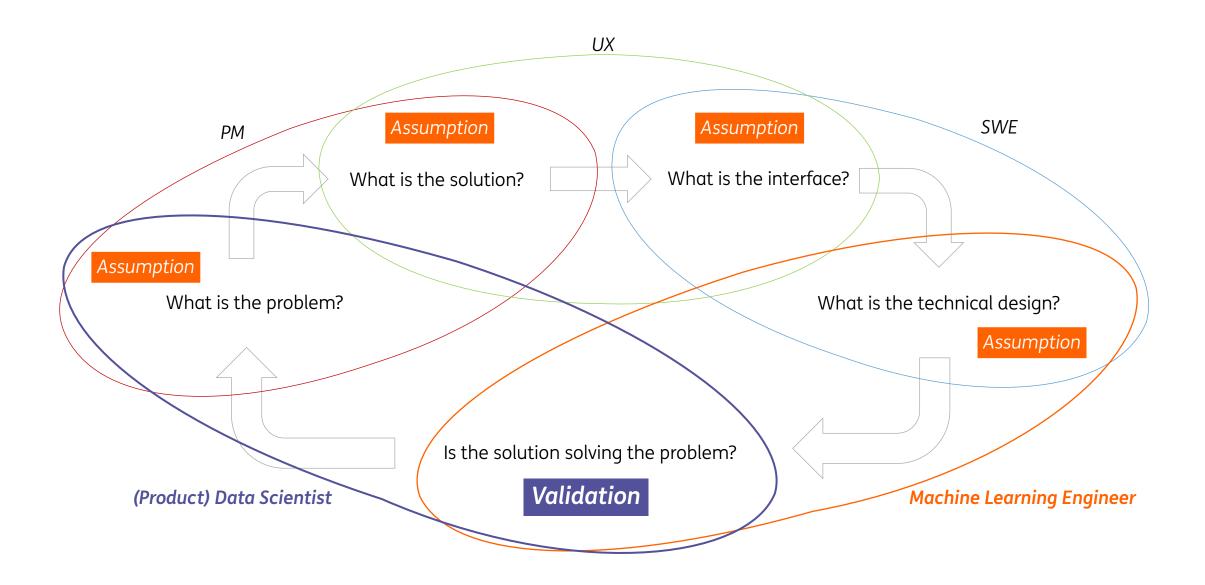












How to improve your chances of building something that **users** want or solves the business need?

Talk to customers

Market research & expert advice

Cycle through faster (early MVPs)

You <u>should</u> do this as a data scientist!

What is the problem?

Make a hypothesis, then experiment

Find validation evidence in data



Case 1: Social ads optimization

MVP cycle: 2 months



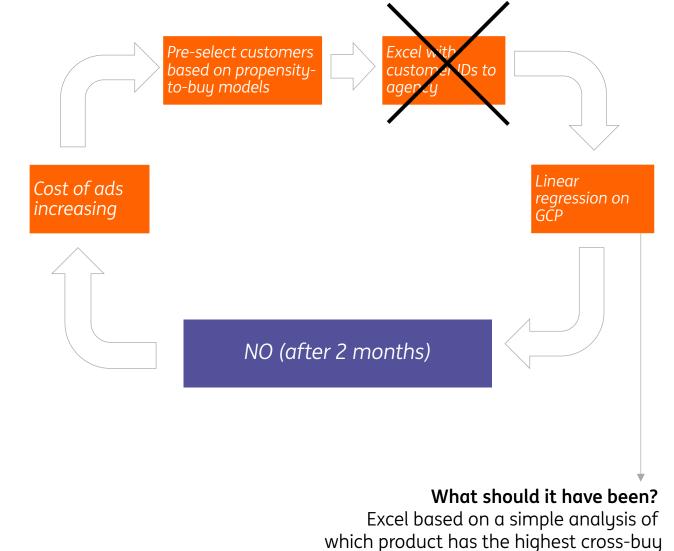
Case 2: Login intent prediction model

MVP cycle: 1 week



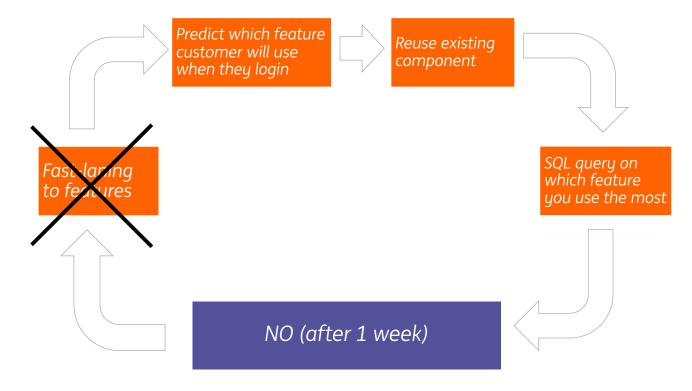
Case 1: Social ads optimization

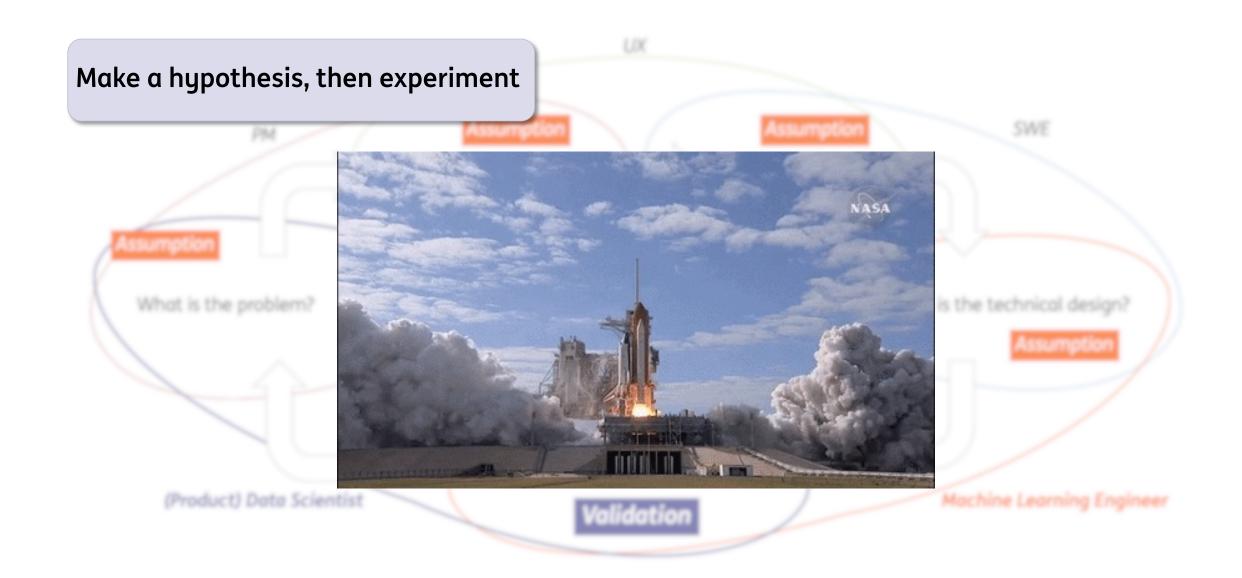


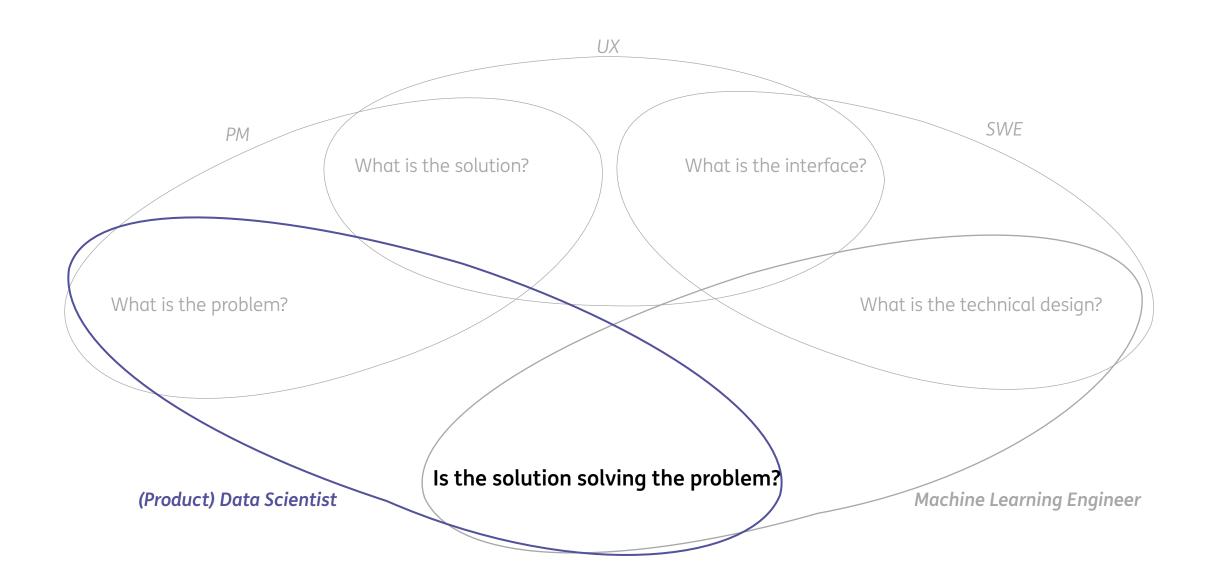


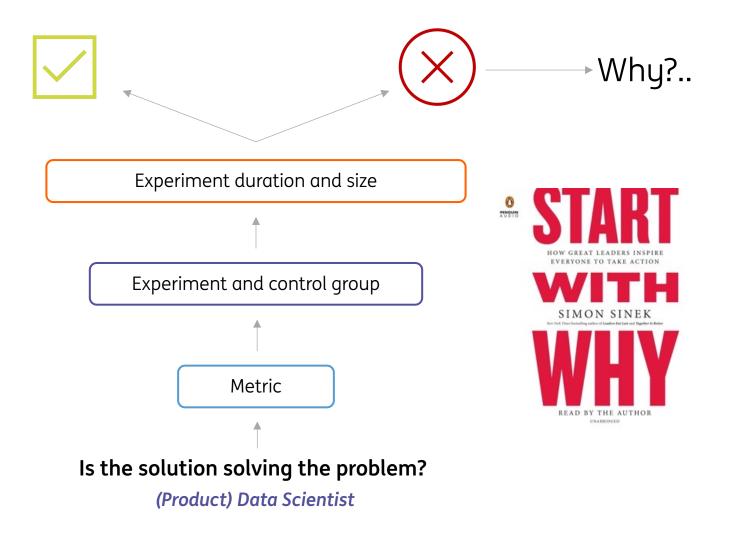
Case 2: Login intent prediction model

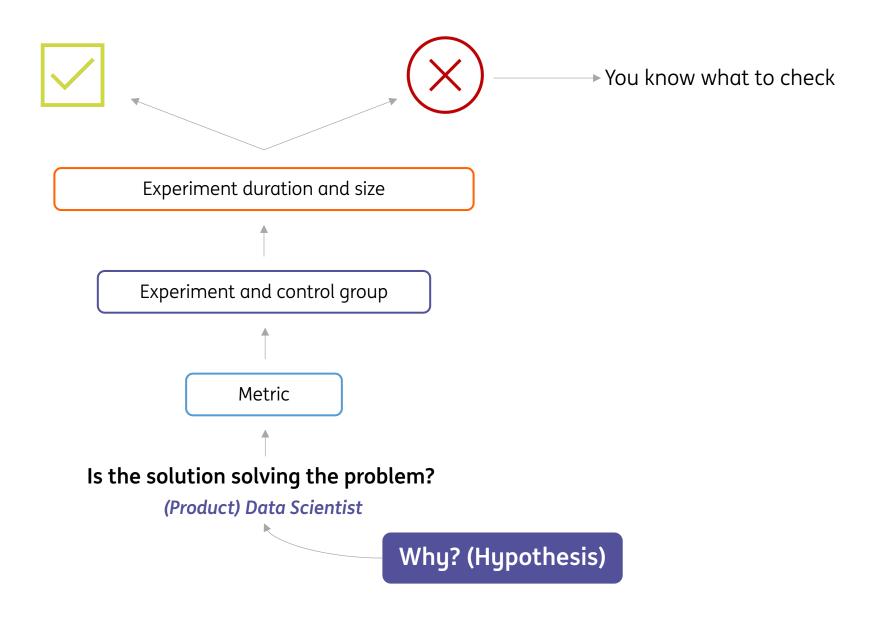


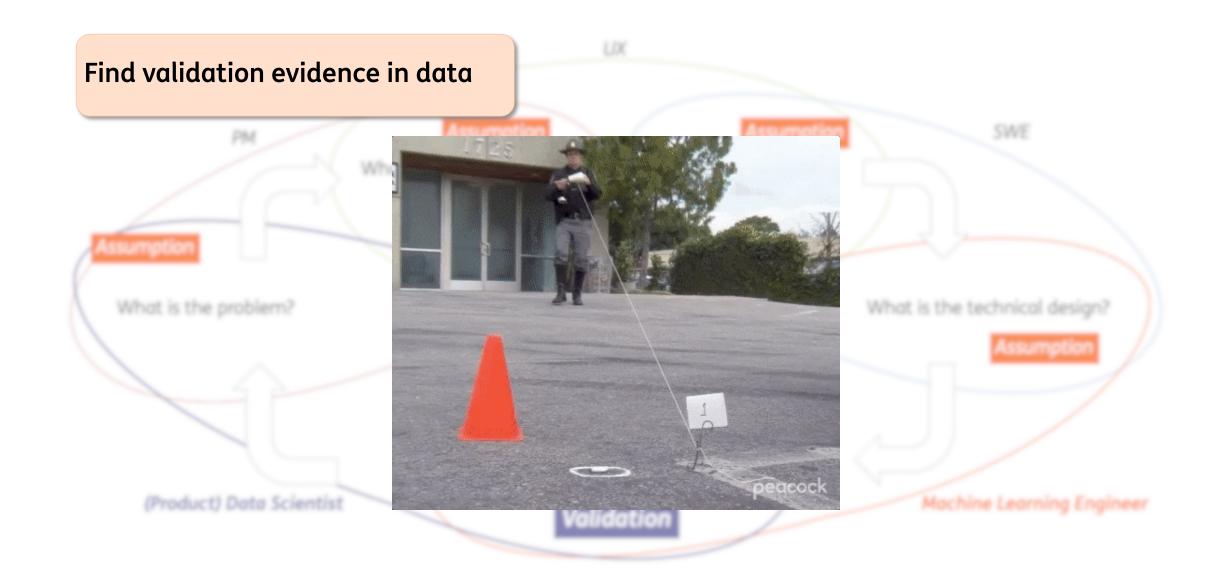


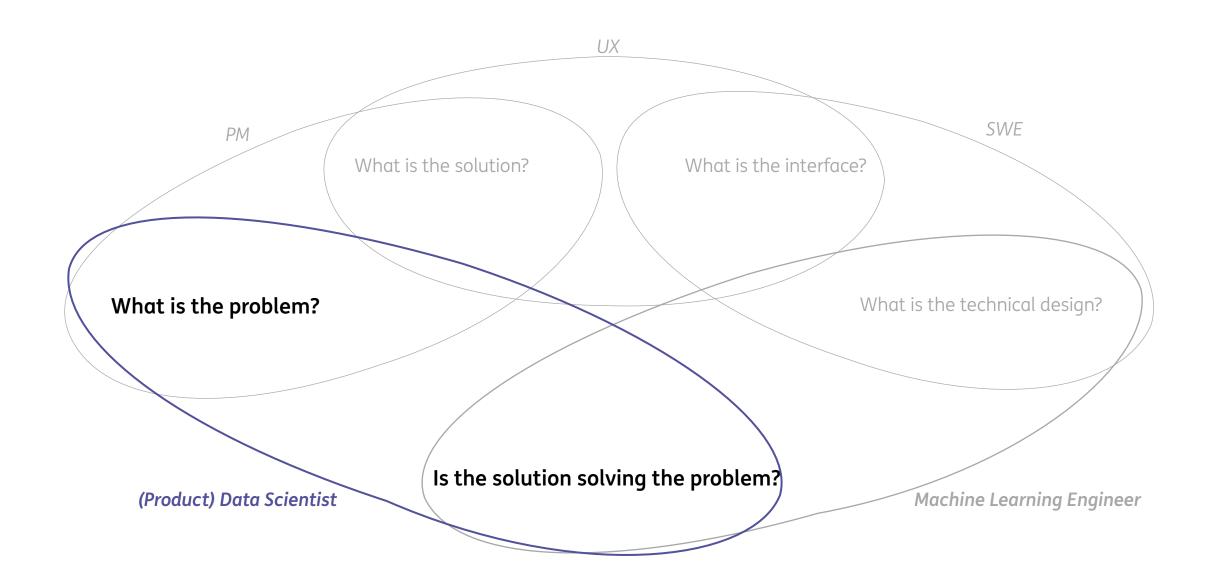




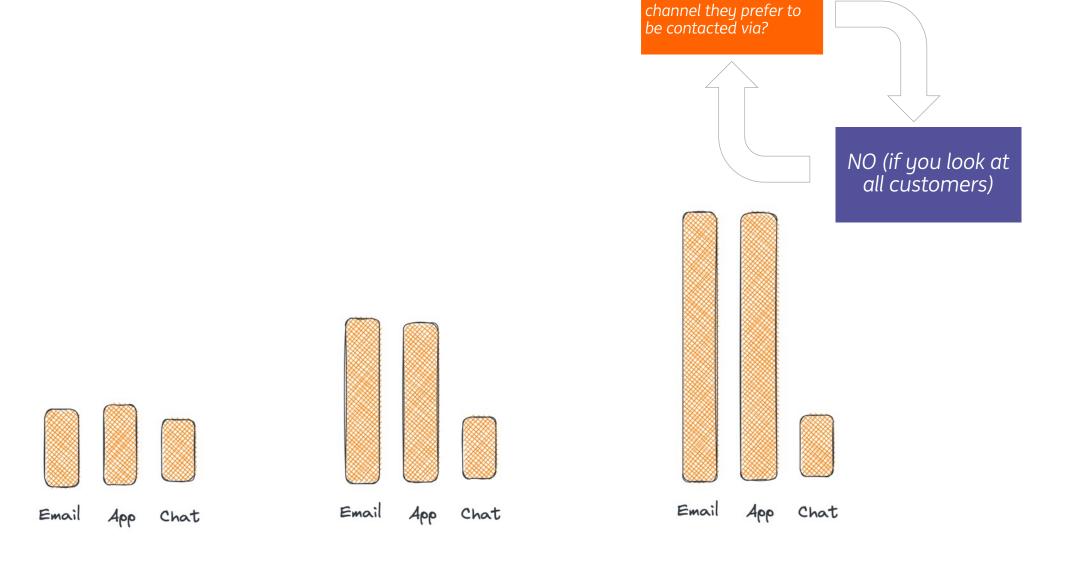






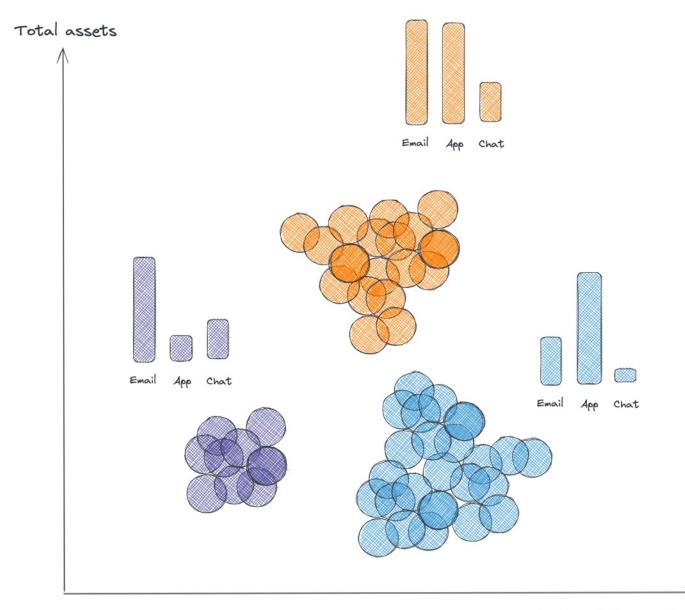


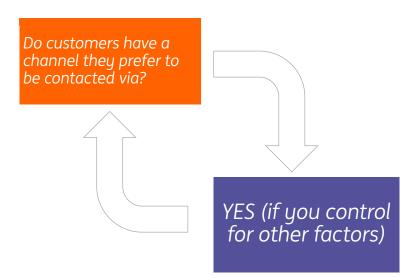
Case: Finding most suitable channel



Do customers have a

Case: Finding most suitable channel





Key takeaways

We make assumptions on every step. **Validate them**

Done imperfectly is **way** better than done late

Use your toolset for things other than model building



do your thing