

선도인재양성 중급

(10주차)

AI + X

Advanced Project

Big Picture



✓ Big Picture

- 4/28(9강) AI MVP 개발, GPT-4
- 5/5 어린이날
- 5/12(10강) AI Service 경험 평가
- 5/19(11강) 미니프로젝트 강의 (정서분석)
- 5/26(12강) **과제 Checkup (15%) “장표, 발표 없음”** (KT 코치 교수님 방문)
- 6/2(13강) 과제 피드백
- 6/9(14강) 최종 과제 피드백
- 6/16(15강) **기말 프로젝트 발표 (30%)** → 특허, 논문, 어워드

평가지표

Depth of Learning

잠재적 사용자로부터

얼마나 **깊이** 있게 배웠는가?

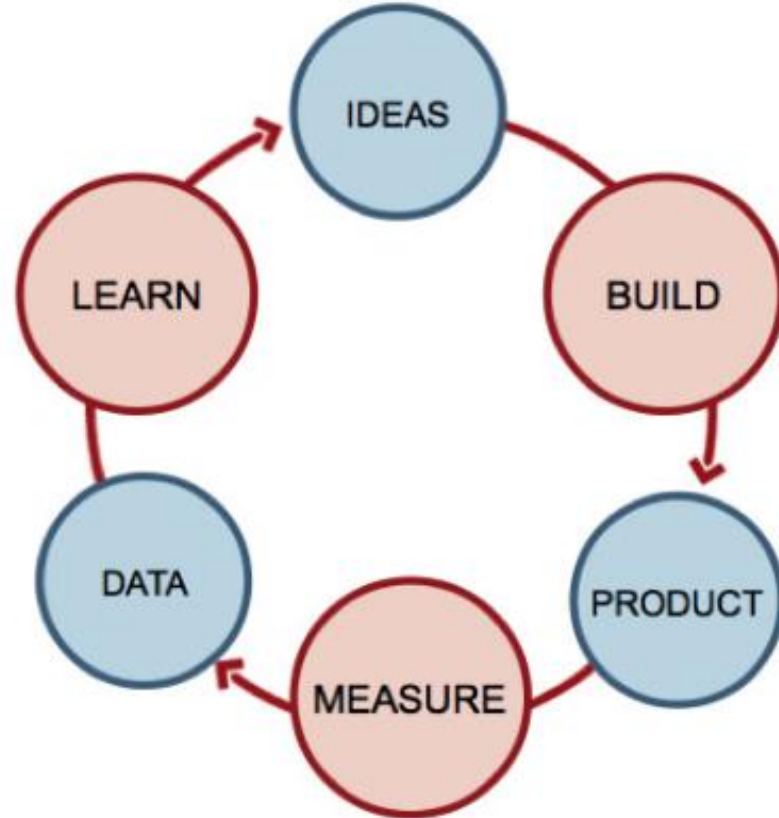
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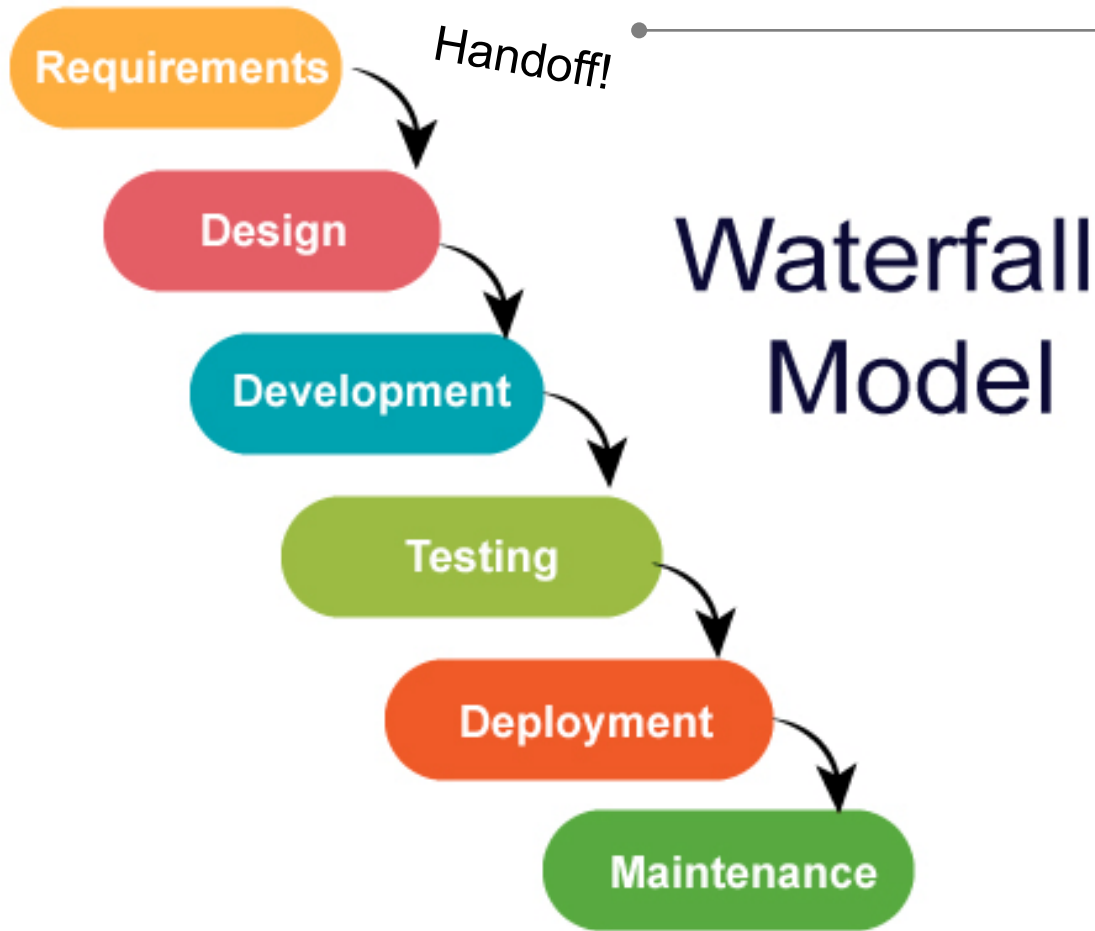
빅데이터, AI 경진대회

(Due 5월 26일)

Lean Development

Lean startup cycle





Waterfall Model

“I’m done! I’ve sent off that design document :)”

“전 다했어요 안녕~!”

The process now
is continuous engagement

– 소비자를 참여시켜 끊임없이 피드백을 받음

Lean is about . . .

Working prototype over Documentation

“rapidly getting the ideas to reality”

아이디어의 빠른 실현!

Lean is about . . .

Rapid responses over a Plan

“Finding out what is right & wrong
with speed”

“광속”으로 되는 것과 안되는 것을 파악하기

사용자 입장에서



MVP

“The minimum viable product (**MVP**) is a product with **just enough features** to be considered **working**”

작동 가능한 최소한의 중요한 기능

MVP

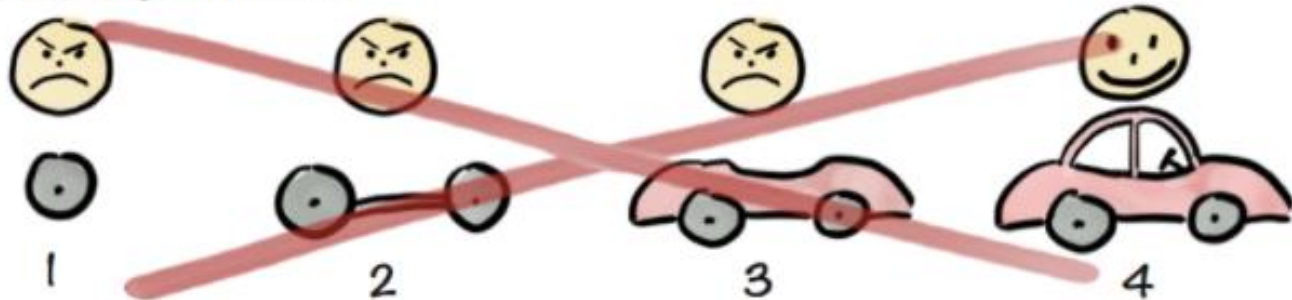
“Just enough product to see (i.e., **user test**)
if the **hypothesis** is true”

가설 검증, 테스트를 위한 최소한의 수준

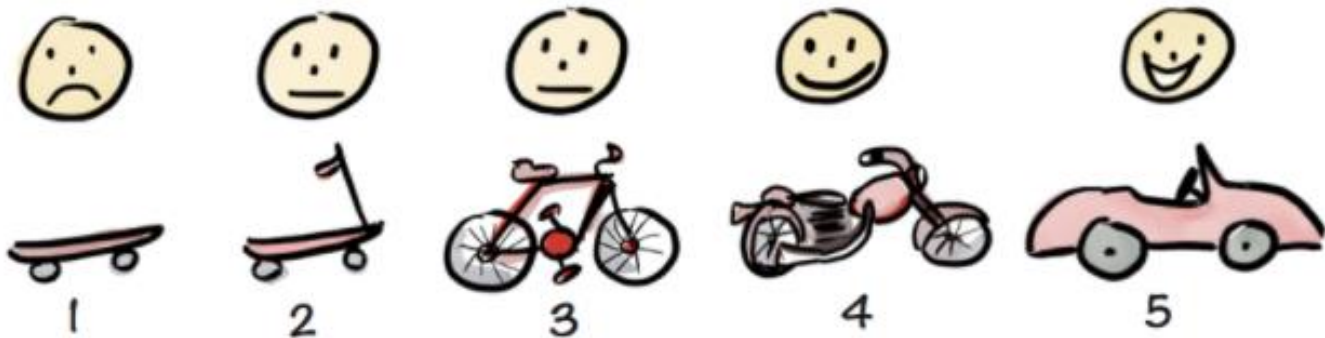
2주전 실습

1. 가정, 가설, 의구심, 전제 리스트 업
2. 테스트를 해야할 부분 정의 (배워야할 부분)
3. 우선 개발 기능 정의하기
4. Sprint Plan
5. 그리고 “달리세요!”

Not like this....



Like this!



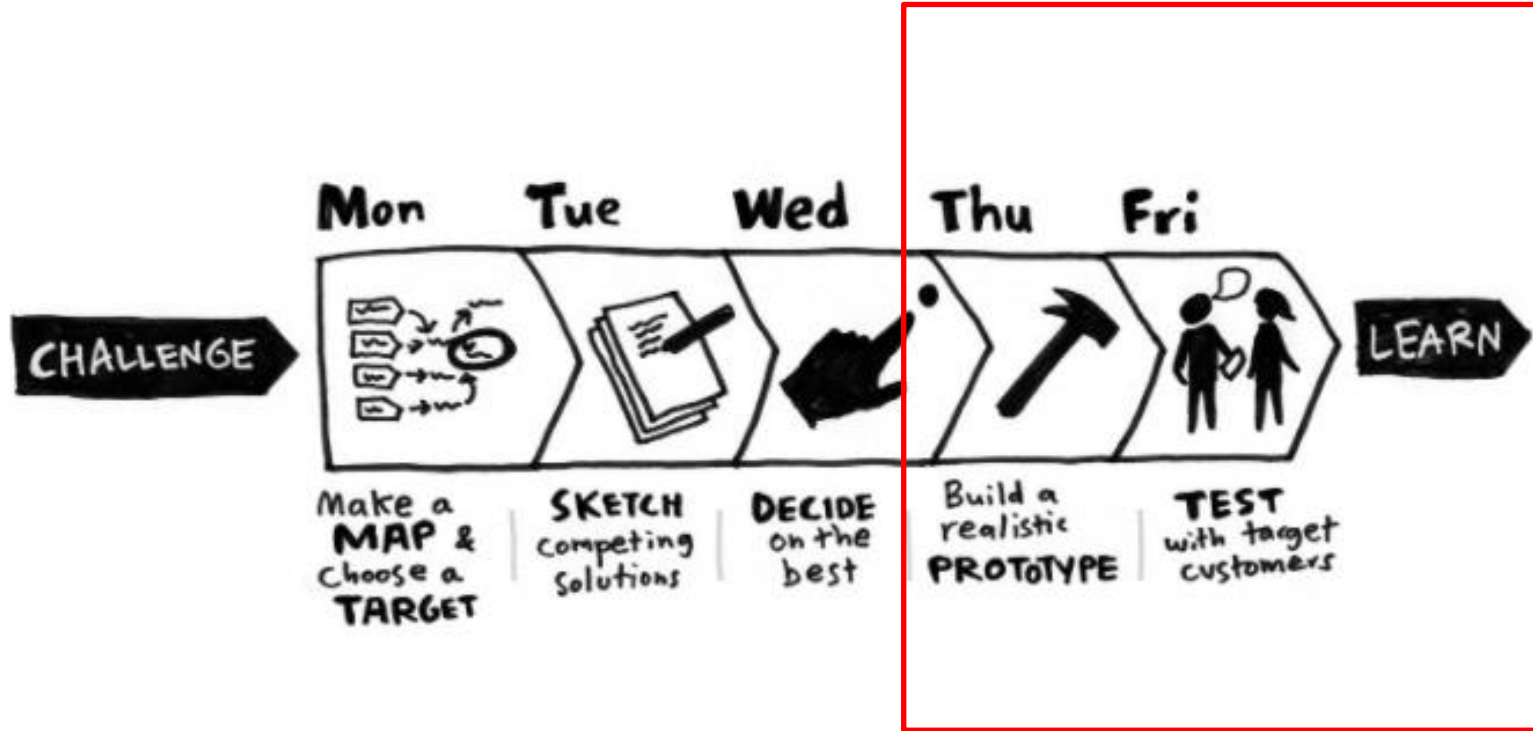
by Henrik Kniberg

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Sprint



Sprint



Sprint in Continuous Learning










MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
 Start the recruiting process  Decide what will be tested	 Refine what will be tested	 Refine what will be tested  Write the test script  Finalize recruiting	 Testing day  Review findings with entire team	 Plan next steps based on findings

Figure 6-2. The Three, twelve, one activity calendar

Lean =

Cost Effective Design & Eval

가성비 설계 및 평가

Lean adjective not containing any fat (the waste)

Mindset



“What’s **smallest thing** you can do
to learn the **next most important thing**”

당장 제품 및 서비스와 관련해

배워야 할 가장 중요한 것을 위한

가장 최소한의 활동

What's smallest thing you can do



MVP

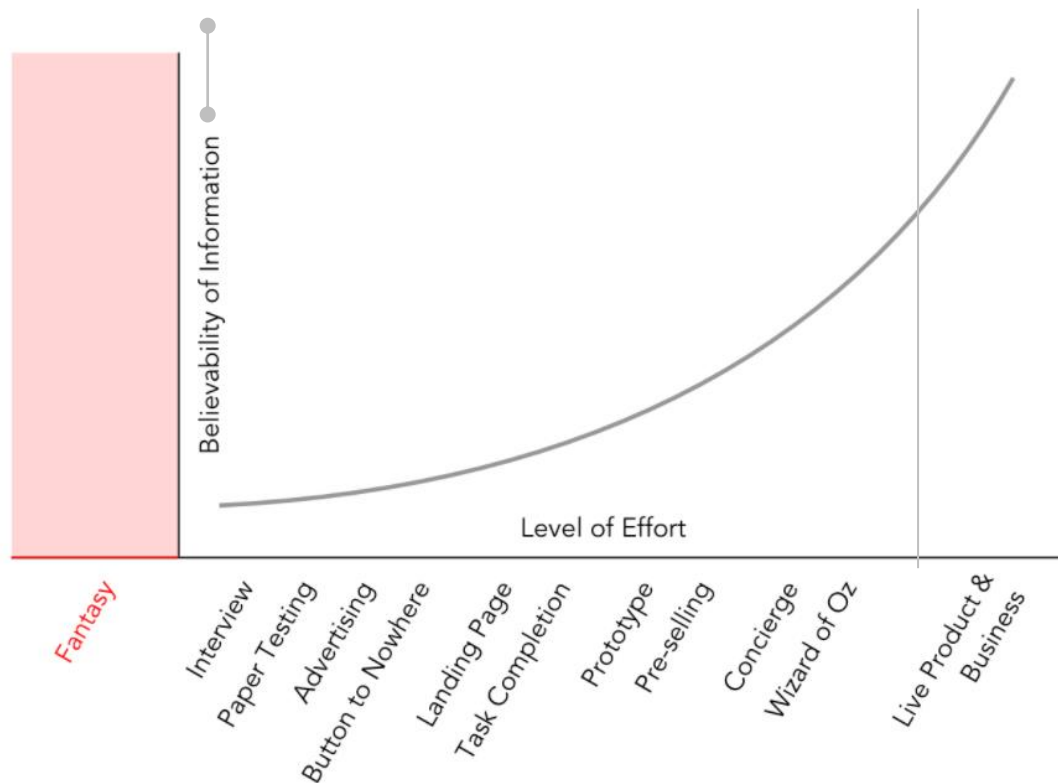
to learn the next most important thing

Your first sprint, second sprint, third sprint, ..

The Truth Curve

✎ GIFF CONSTABLE / 📅 JUNE 18, 2013 / 📌 INNOVATION, 📌 LEAN, 📌 STARTUPS

The truth of learning (user-based evidence, market-based evidence)



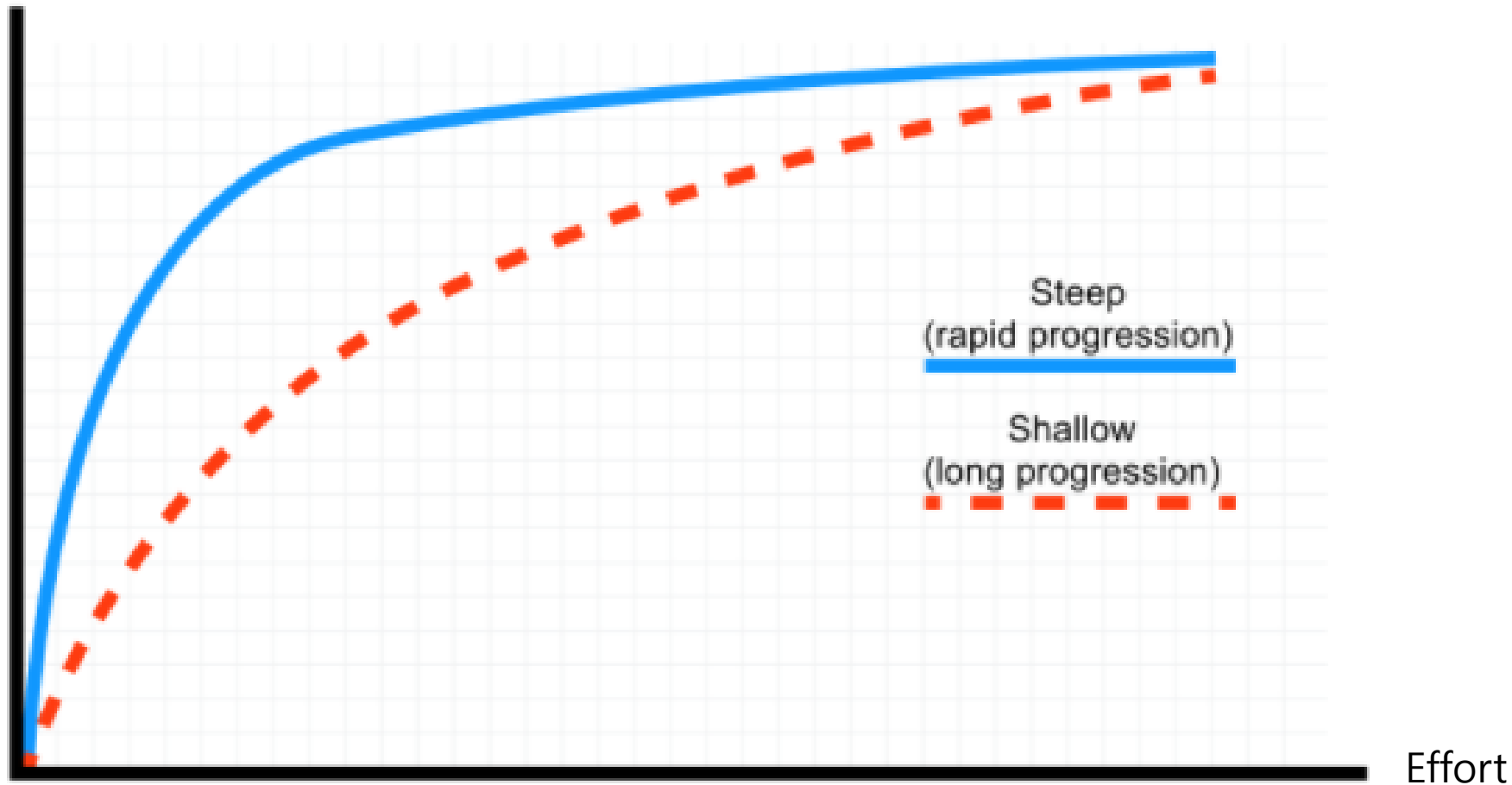
The more evidence you have,

The higher the **probability** of

success of your product

확률 싸움이다!

Learning



“What’s **smallest thing you can do
to learn the **next most important thing**”**

Testing in Lean

“Big bang” revelation vs.

Bite-sized improvement

(of a functional prototype)

Bite-sized vs. Big bang revelation





Bite Size Appetizers

