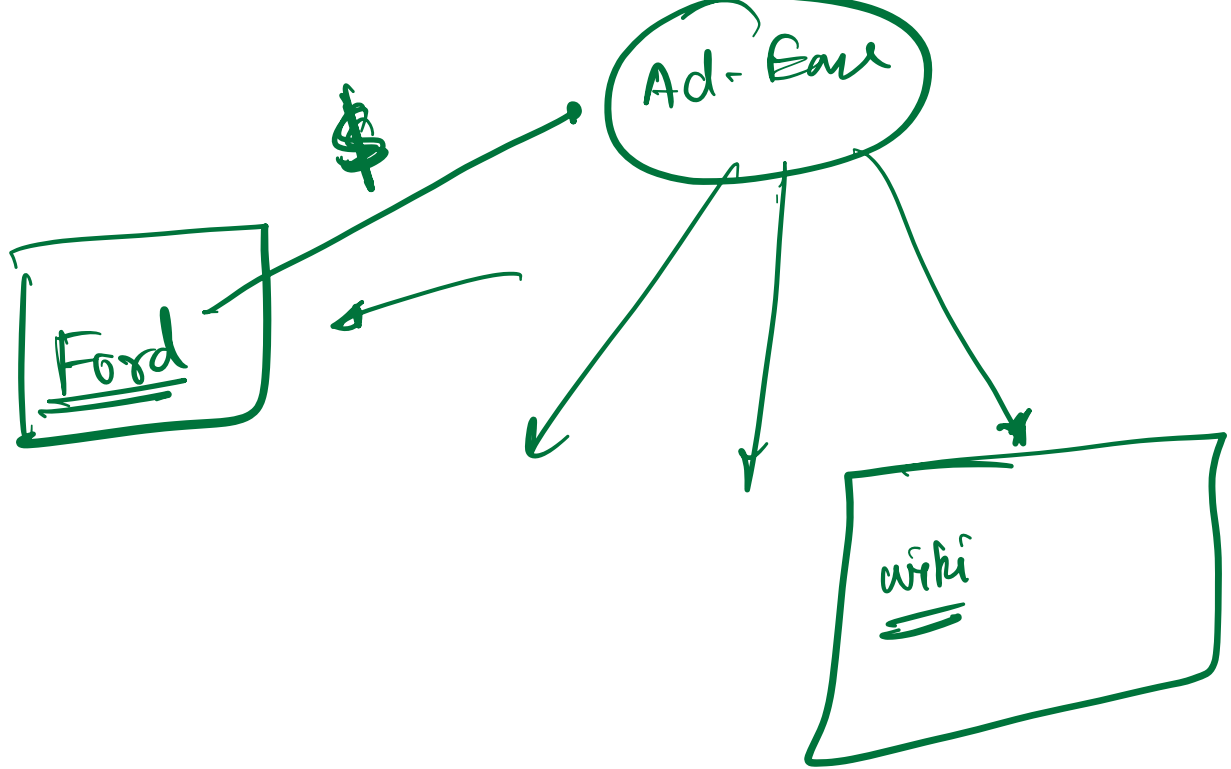


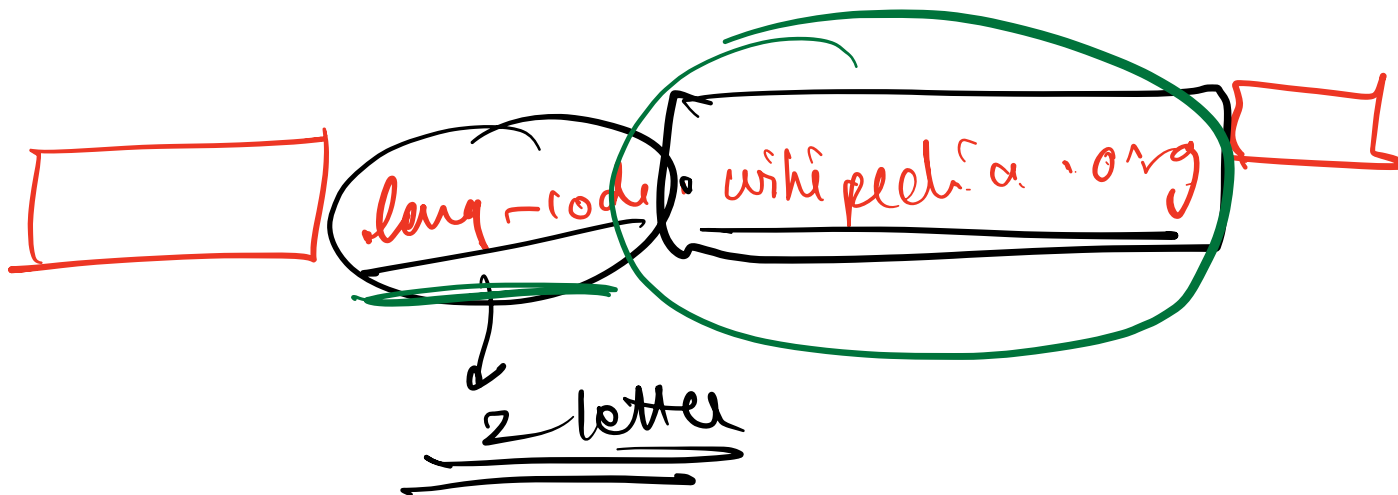
Ad-Ease Review

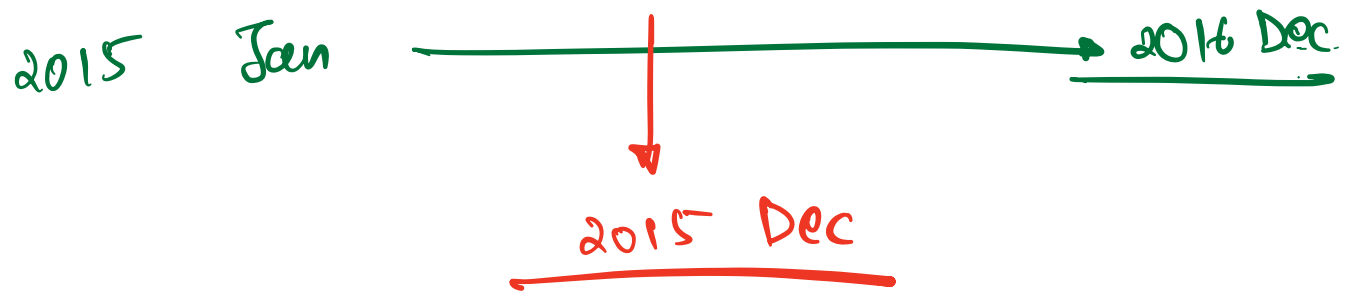
+

Zee Intro

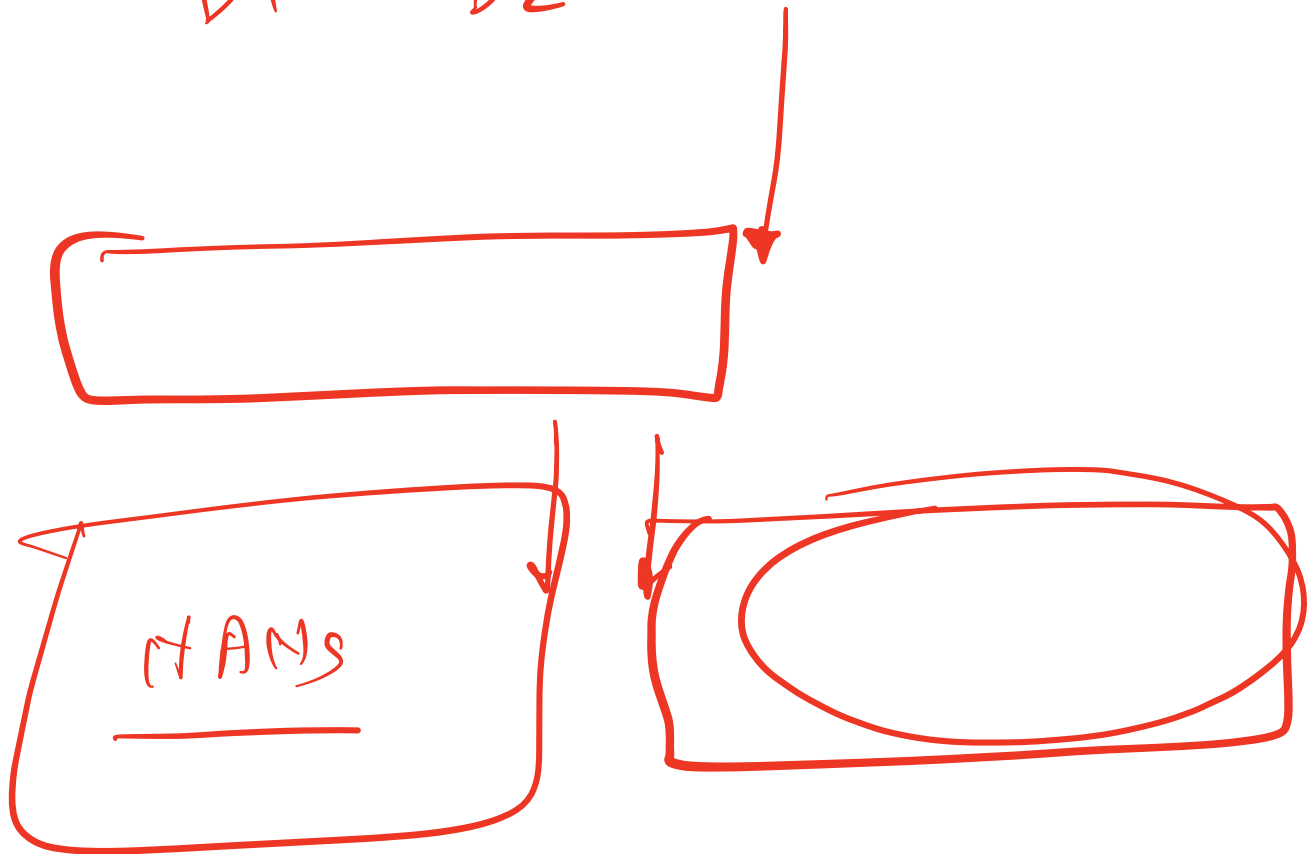


	D1	D2	D3	D4 ...
P1	V1	V2	V3	...
P2	V_1^{\wedge}	V_2^{\wedge}		
P3				
...				





D1 D2 . . DN



	D_1	D_2	D_3	\dots	D_n
$U_1 \leftarrow p_1$					
$U_1 \leftarrow p_2$					
$U_1 \leftarrow p_2$					
$U_4 \leftarrow p_k$					

Total views received
for en on D1

		D1	D2	D3	D4	...
(en)	L1	200				
	L2					
	L3					
	L4					
	⋮					

	L1	L2 / L3	L4	L5
D1				
D2				
D3				
⋮				
⋮				
DN				

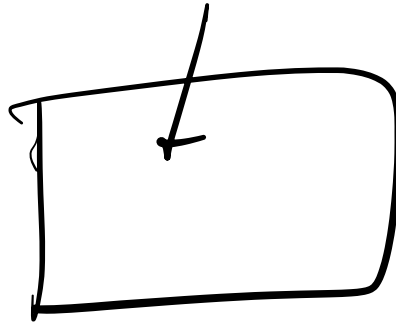
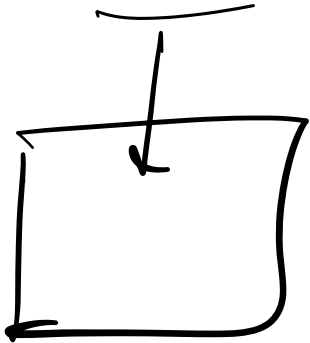
Avg no. of views for a
lang per day

2 Business models

① 10\$ per lang

② on → 100 pages, Total → 500 views
③ Sp → 10 pages, Total → 100 views

10\$



② 1\$ per page

① en \rightarrow 100 pages, Total \rightarrow 500 views

② sp \rightarrow 10 pages, Total \rightarrow 100 views

en \rightarrow views/page

$$\frac{500}{100}$$

5 v/p

sp \rightarrow

$$\frac{100}{10} \approx$$

10 v/p

⑤ Content-based Filtering

	① m1	① m2	③ m3	② m4
<u>Animated</u>	Y ✓	Y ✓	N X	N X
<u>Marvel</u>	N	N ✓	Y X	Y X
<u>Superheroes</u>	N	Y X	Y X	Y X
<u>IMDB Top</u>	Y	Y ✓	N X	Y ✓

if already fixed
m1

note

③ ✓

0 ✓

① ✓

[m2, m4, m3]

* Collaborative - based

	m1	m2	m3	m4
u1	Y ✓	Y ①	Y	H
u2	N ✗	Y	N	Y
u3	Y ✓	N	Y	N
<u>u4</u>	<u>Y</u> ✓	?	?	?

zero = ① ② ③

[m3, m2, m4]