Outline / Objectives (begin by showing notebook for notivation then switch to whiteher
Vectors:
- definition, intuition, notation
- addition, subtraction, scaling, dot product
- length, unit vectors
- distance between two points using vector notation
- cosine similarity
- linear combinations of vectors
Matrices:
- definition, notation
- addition, subtraction, multi by scalar
- multiplication
- dot product revisited
- associative, not commutative
- transpose, inverse, verify inverse - properties of transpose & inverse
- applications
- system of Inear equations - 110. 19. is Magain
- PCA, matrix fact for recommenders
- most evaythm
- Masi out of the