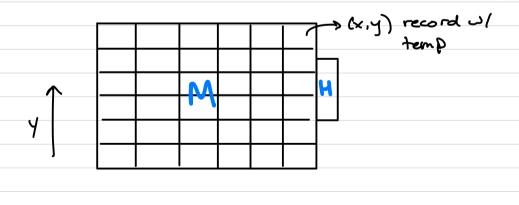
SEPT 8 LEFTURE

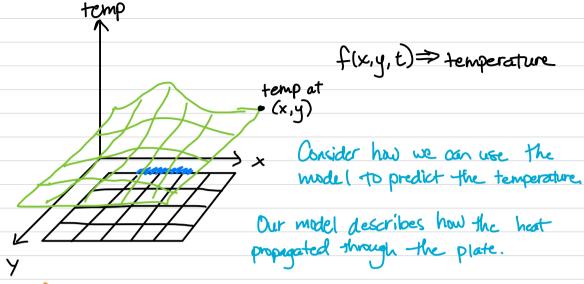
-INTRO TO COURSE-

- > Goals for the Course -
 - · learn ML + data science tools
 - improve our programming skills and workflow
 - learn about othical data
- > Syllabus -
 - · All assignments posted already
 - · Ctroup project topics provided through Spark

>What is Data Science? ->

A plate w1 a hot plate on the side





If we are equally good at explaining every outcome, then we have no knowledge. That will not help predict anything.

The Game

(a, b, c) Try to unover the rule by abouting

(2,4,6) examples and the nucr setter will

truthfully if the example fits the rule.

Not all examples give the same amount TRY NECLATIVE EXAMPLES of knowledge. linear approach Okan rator philosophy? Simpler models > comprex Try to minimize confirmation positive bias >> Comp Learning Theory. · What is learnable? ·How many examples does it take to learn something error rate-make epilson less than this Define T, +T2 R u- has an error rate S.t. being in T₁ & T₂ at most & est fit method of at most E w P(T, UT2)<E

GIT

- ·GH is the interface/browser that lets us upload to Git repositories online and have version combol.
- · Git is the Version control sys.

> Why Use It ->

- 1. Progress loss minimized by uploading to the cloud 2. Ease of iterating through diff versions of code 3. Collab is productive