

- -) pipelione manistring
 - Its really important to monitor the metrics.
 - > It any user data change the output will change.
 - -) Flored out the Key metries.

- > Model centric AI development NN modely
- -> Data centrie AI development -> Dataget
- ⇒ AI System => Code/model + Data

-) web Search example

- "Apple pie recipe" "Lotat movie"] International &
 "Wireless data plan" "Fix Festival"] Transactional Quaries
- "Stanford" " youtuke " To Navigational Queonies
- I Sanity check for code & Alogorithm I truy to use small amount of data at first
- -) Add improve data for specific categori > From Analysis 7 Skewed Laterst (minbalance data)
 - -) Try to Brain strong what could go wrong?

Data Augmentation - erreate realisti	e example as that human eads
ean check easily	J.
Experiment tracking - Algorithm / cole Patuset used Hypermetery Results FI Score recommeded for skewed detaset	Tracking touls -) Spread sheet Euperiment tracking System Touls Weights and biases Com et MIFlow
Data Data Data Structured data	Sage make studio
⇒ Data and Label consistency ⇒ Human Level performance (HLP) → 6 ¬ Beat the HLP is good for rused	stimate Bayes Ennon/inneducible ennon
but for production its butter outperforme incrusse	to improve HLP so that model
#Data > Don't increase data by m > Poe (prisof of concept) Temsortlow Triansform, Ap	my the AND will be X
File types where data se	lineage = Data pipelinee equare of taps.

- A high HLP metrie implies good label consistency. # Scoping process some guardin to ask > what thing you wish were Brainstrem business problem working better (NOT AI problem) - grenage Conversion - Reduce inventory Brainstrum AI soliding - grenuse mangin (protit) Assess the feasibility and value of potential solution Determine Solution Mile stony Budget for resources I make sure your feature map to prediction > give part purchase, priedict tuture punchase not] X - aiven DAIA into, predict heart disease (21\$7) -> greeny - Level accuracy

