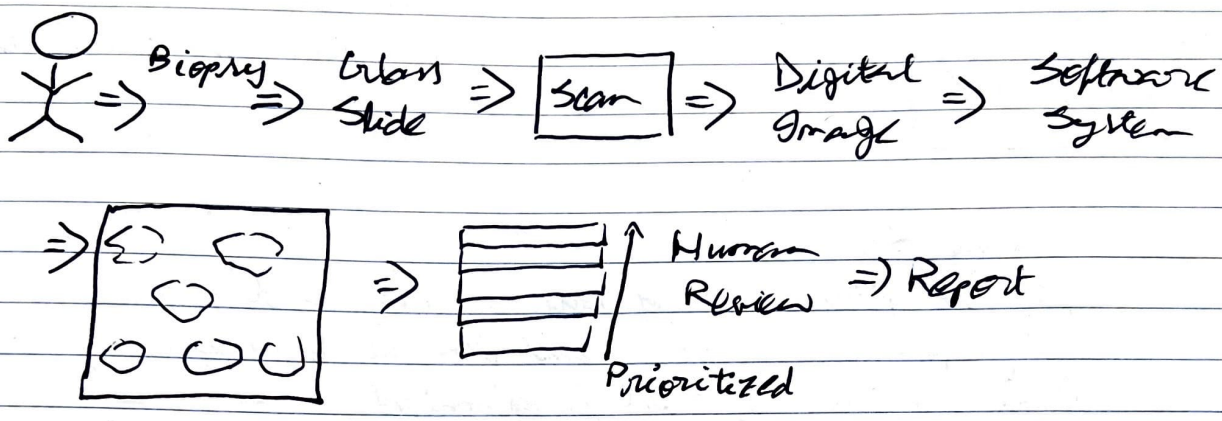
01/07/2024

কি খবর? কেমন আছেন?

Meeting Notes:

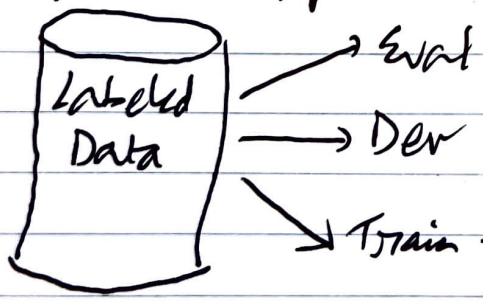
- Focus on breast tissue, currently the only annotated data.
- Algorithm should extend to all type of tissue. Any kind of annotation system. Must change the parameters.

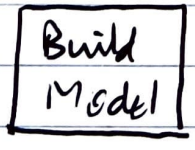


Productivity Enhancement for Pathologists
Because we can automatically label them images

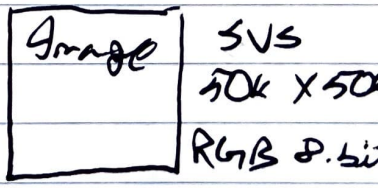
How to Build?

Input (x) Output $L(x)$ Learn L.





Learns mapping between input and labels



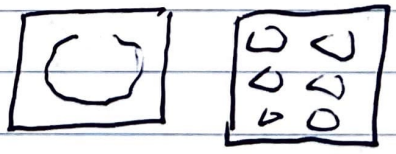
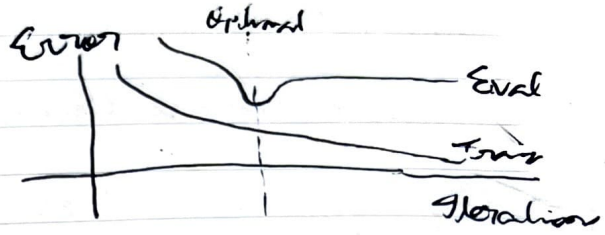


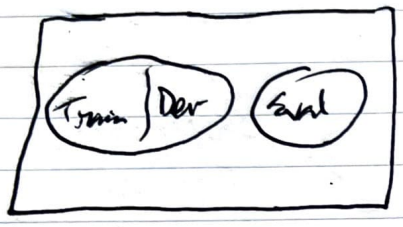
Image file may contain multiple samples

Labels: xml files

Coordinates, labels

→ Eval or Training Data = % error overtrained





Train and test iteratively with Train and Dev sets

- Training set
- Optimize performance of both training & dev sets
- Multiple partitions of train and dev sets if necessary
- Blind eval test once model is optimized

User friendly software:—
No hardcoded parameters