Advancing Cancer Diagnosis: Al-Enhanced Metastatic Histopathology Detection

Background and Expertise



Data Scientist



Biotechnology Background





Business Understanding



Early Detection



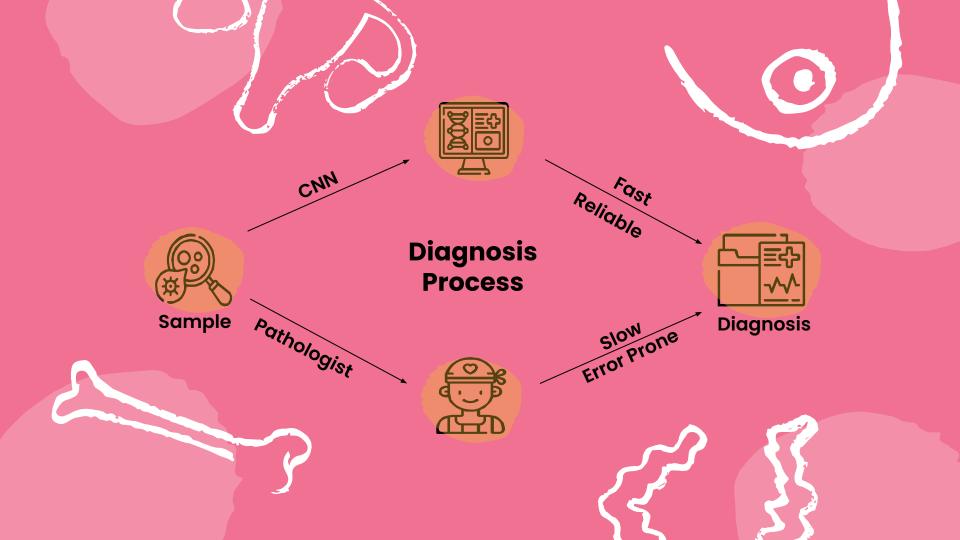
Automation

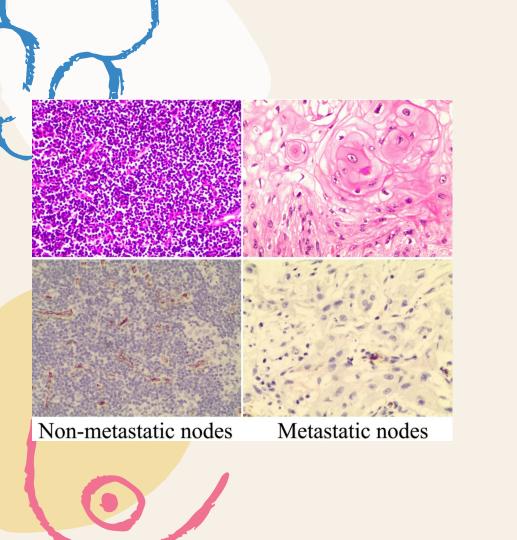


Fast Results







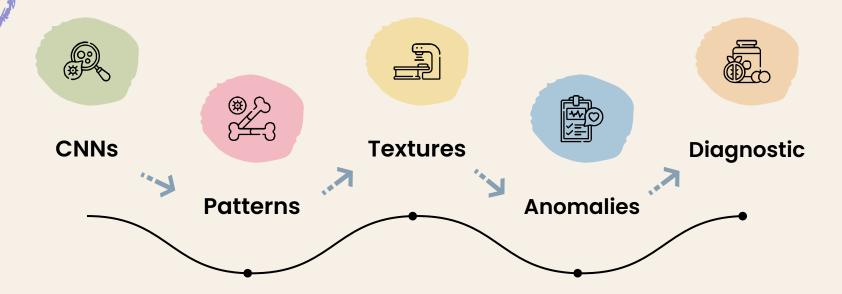


Data Understanding and Analysis

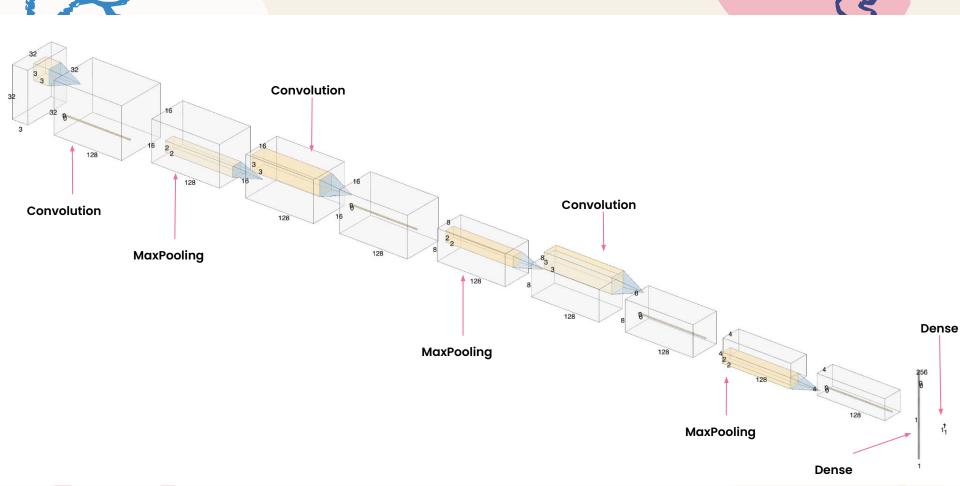
Over 300.000 Images

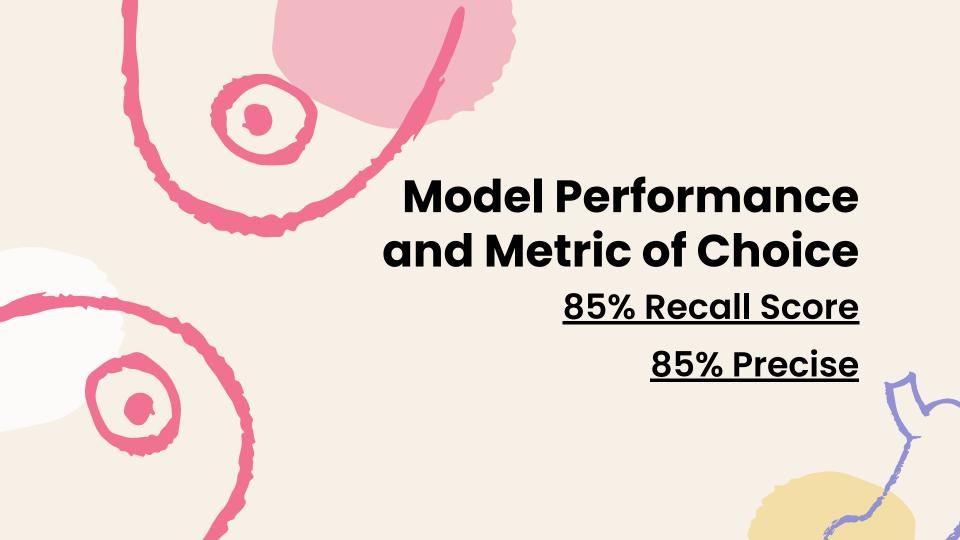
1:1 Ratio Metastatic/Normal

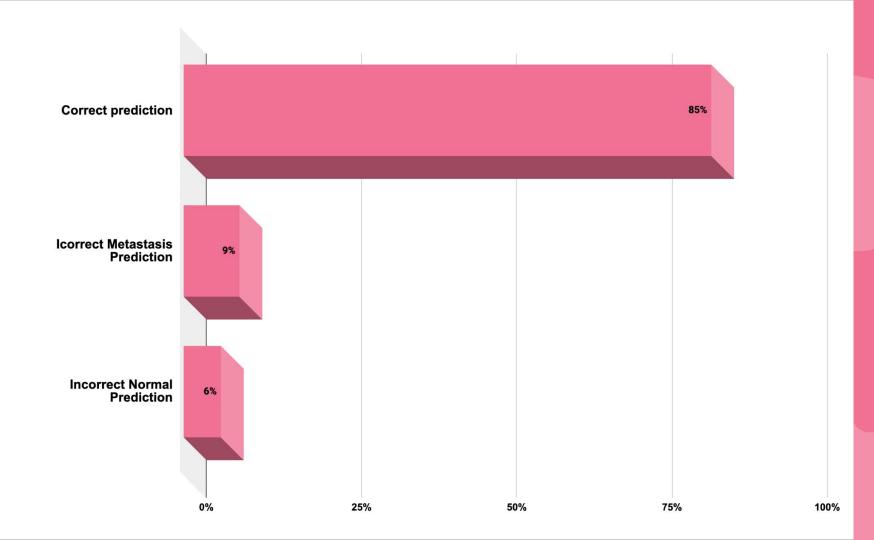
How Al Analyzes Cancer Images



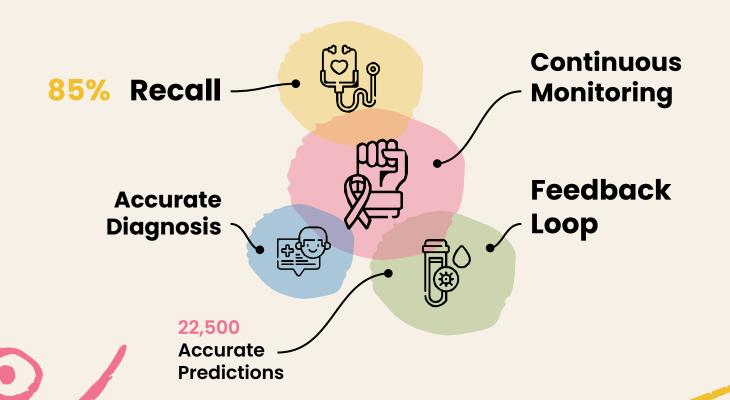
Model Architecture







Conclusion and Recommendations



Future Directions

01

Data Expansion

02

Transfer Learning

04

Deployment

Clinical Trials

03

Hyperparameter Refinement

05

