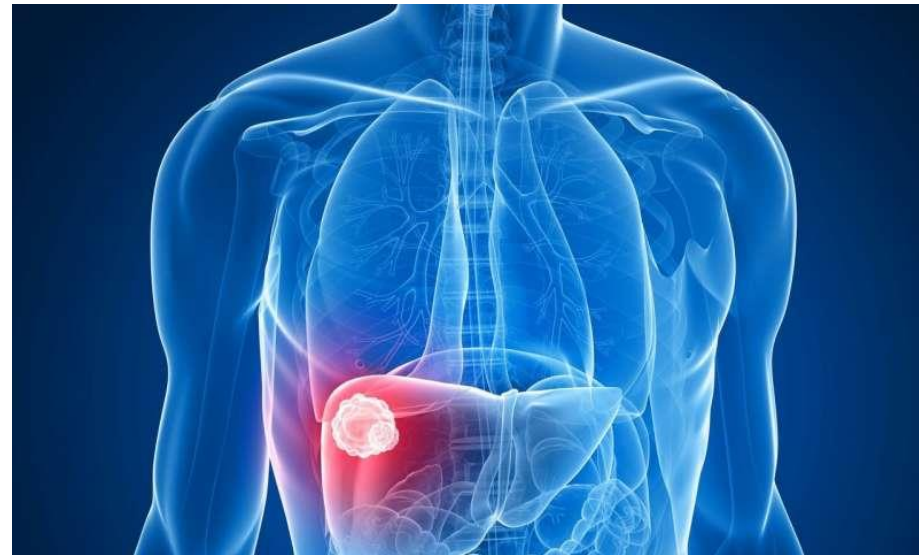




Find early, live better

(a project from Yiwave)

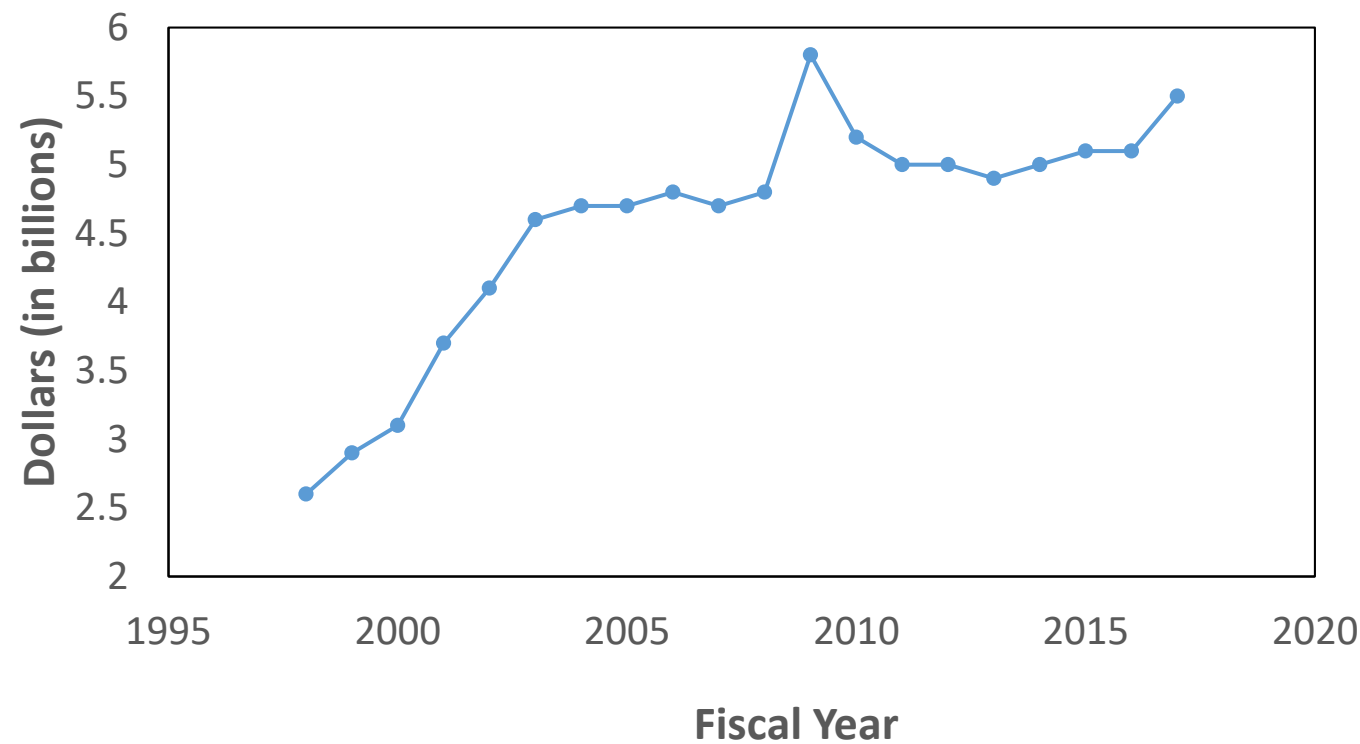


INSIGHT FELLOW

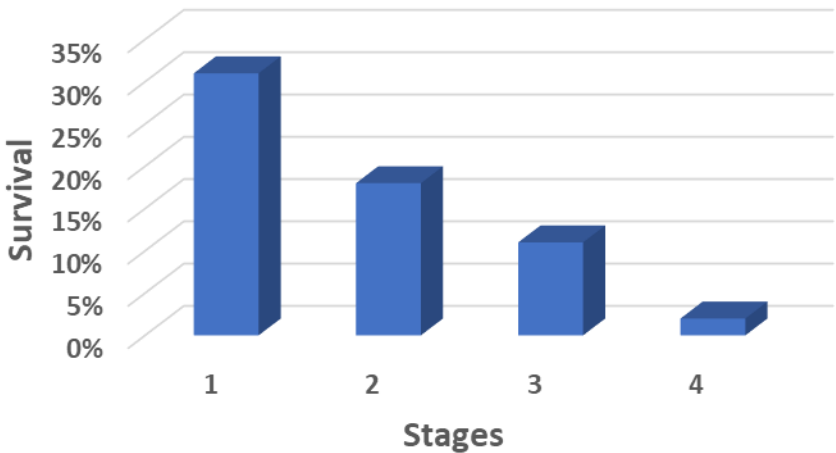
Tannistha Maiti

STATISTICS

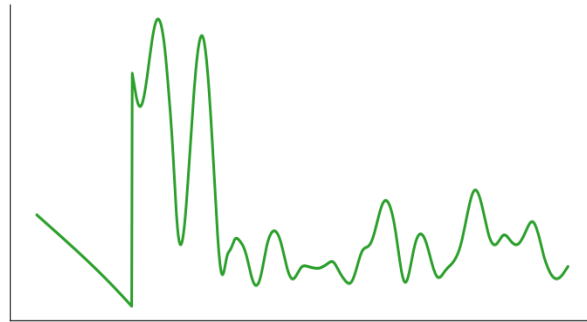
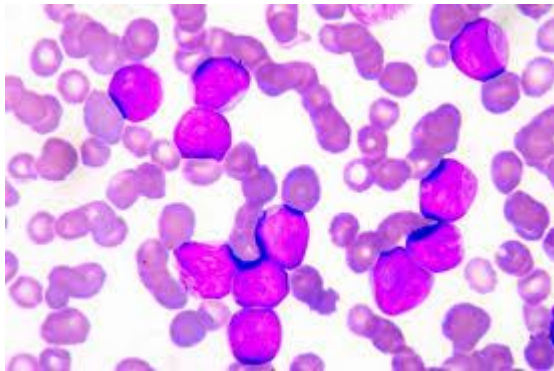
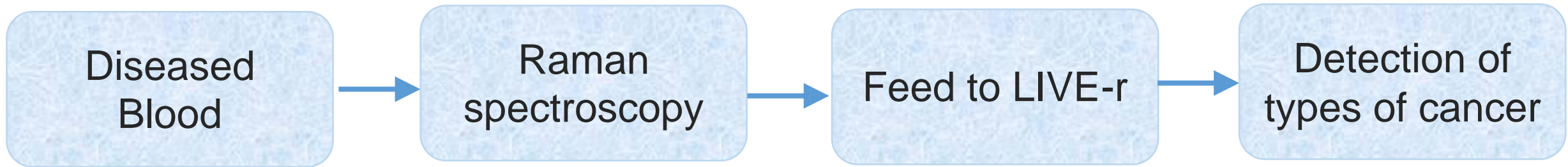
Budget for Cancer Treatment



Liver Cancer 5 Year Survival Rate



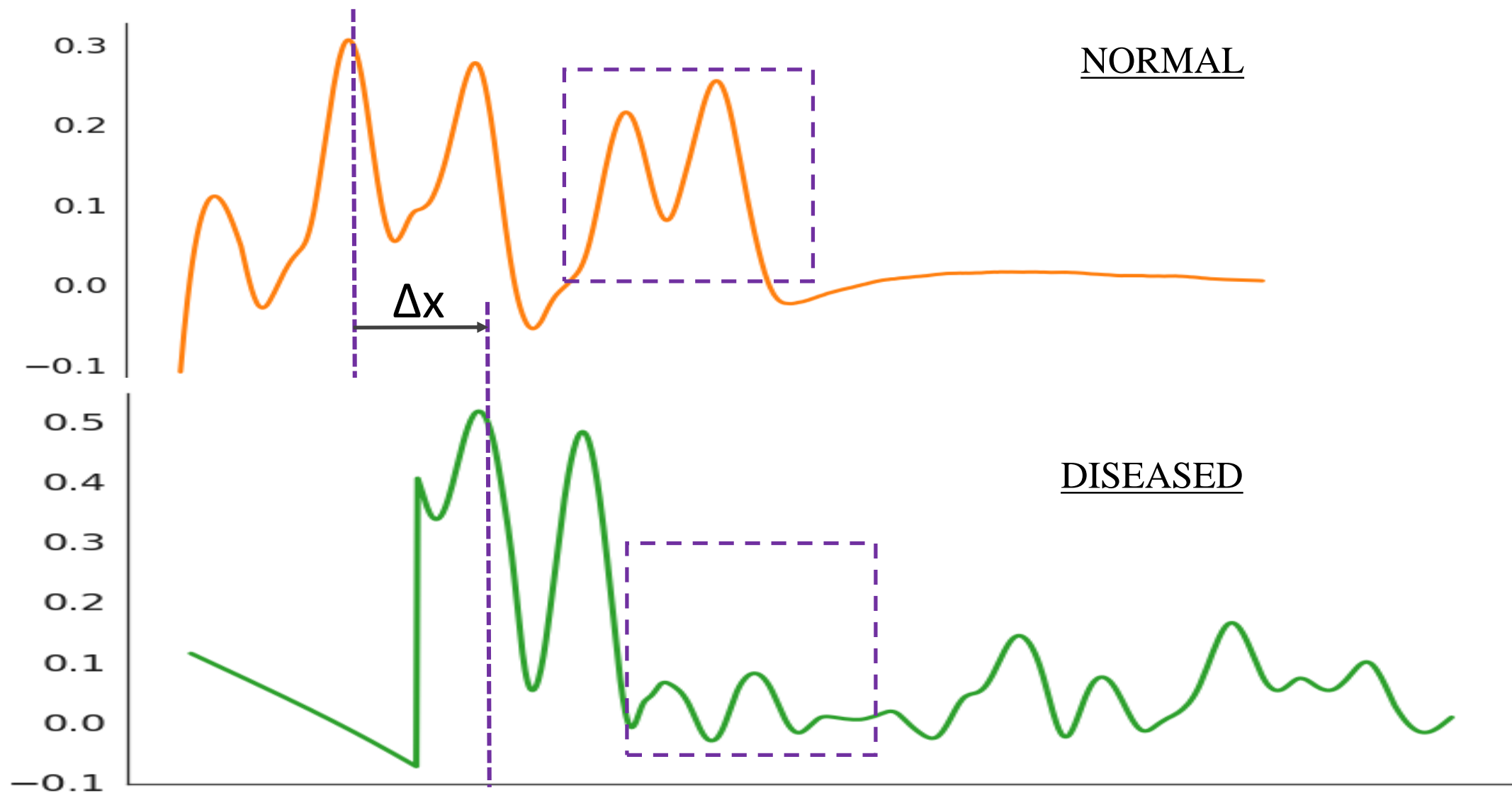
● PRODUCT



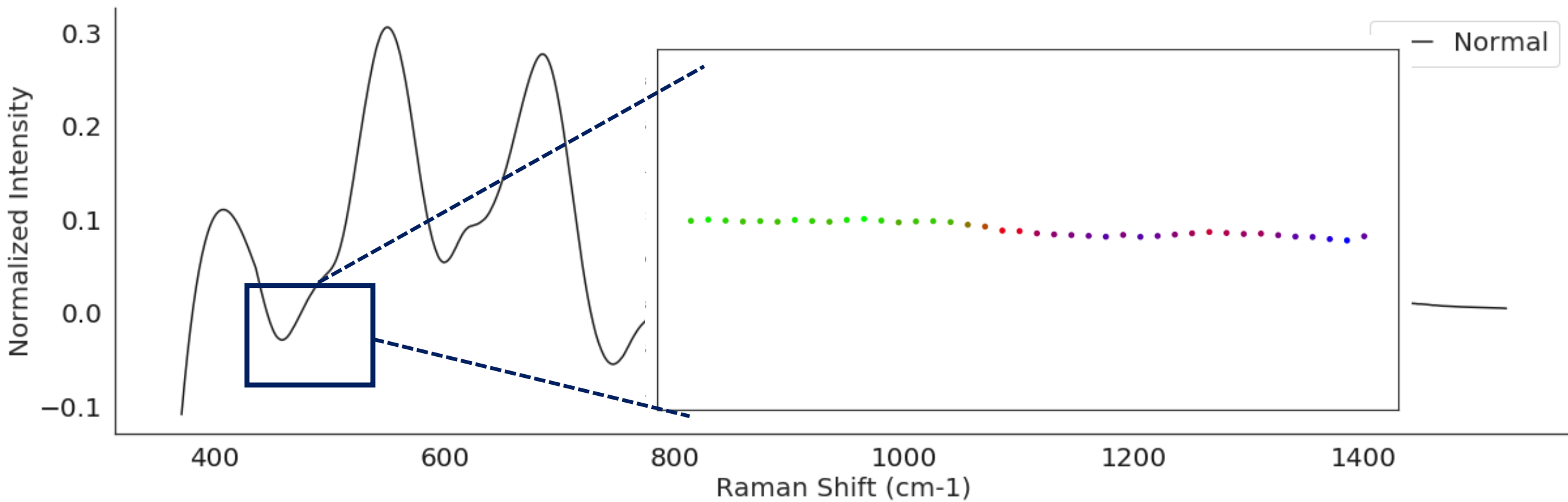
LIVE-r



● RAMAN SPECTROSCOPY

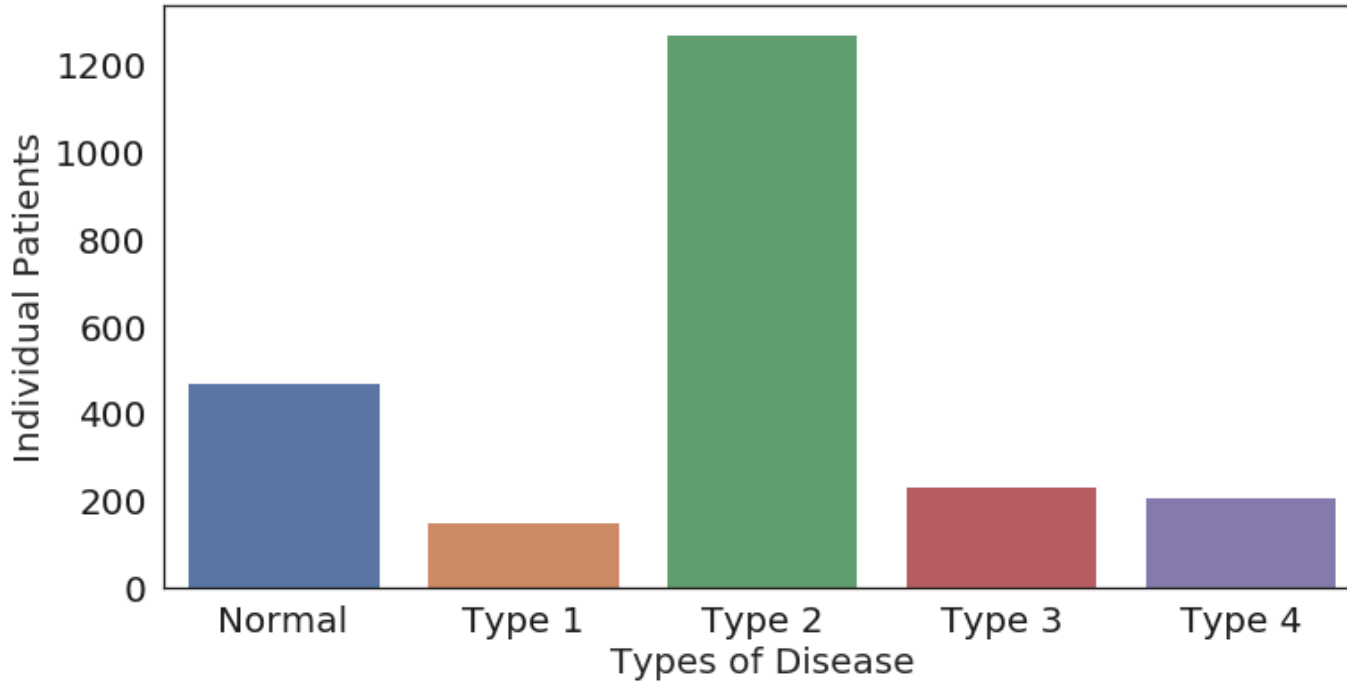


FEATURES



MODEL

BLOOD SAMPLE DATASET



- Each patient sampled 5 times.

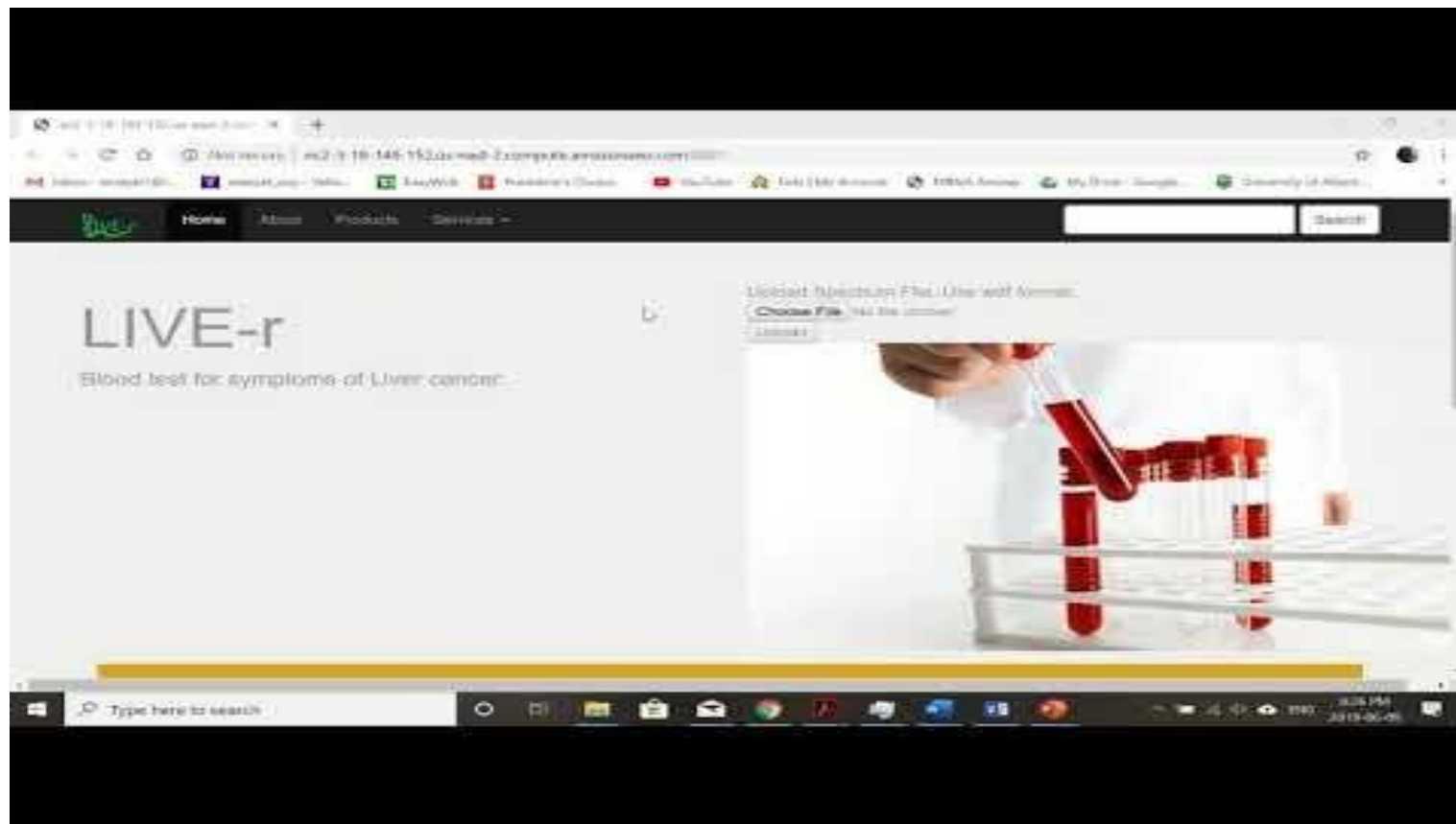
MODEL



Multiclass Classification

Precision of "Type 2": 69%
Precision of "Type 1": 55%

WEB APP



<http://ec2-3-18-149-152.us-east-2.compute.amazonaws.com>

● KPI

●
● “KPIs are often described as the percentage of patients who received care in a particular way or within a particular timeframe.”

❑ LIVE-r will assist with early detection of cancer and hence responsive service can be provided.

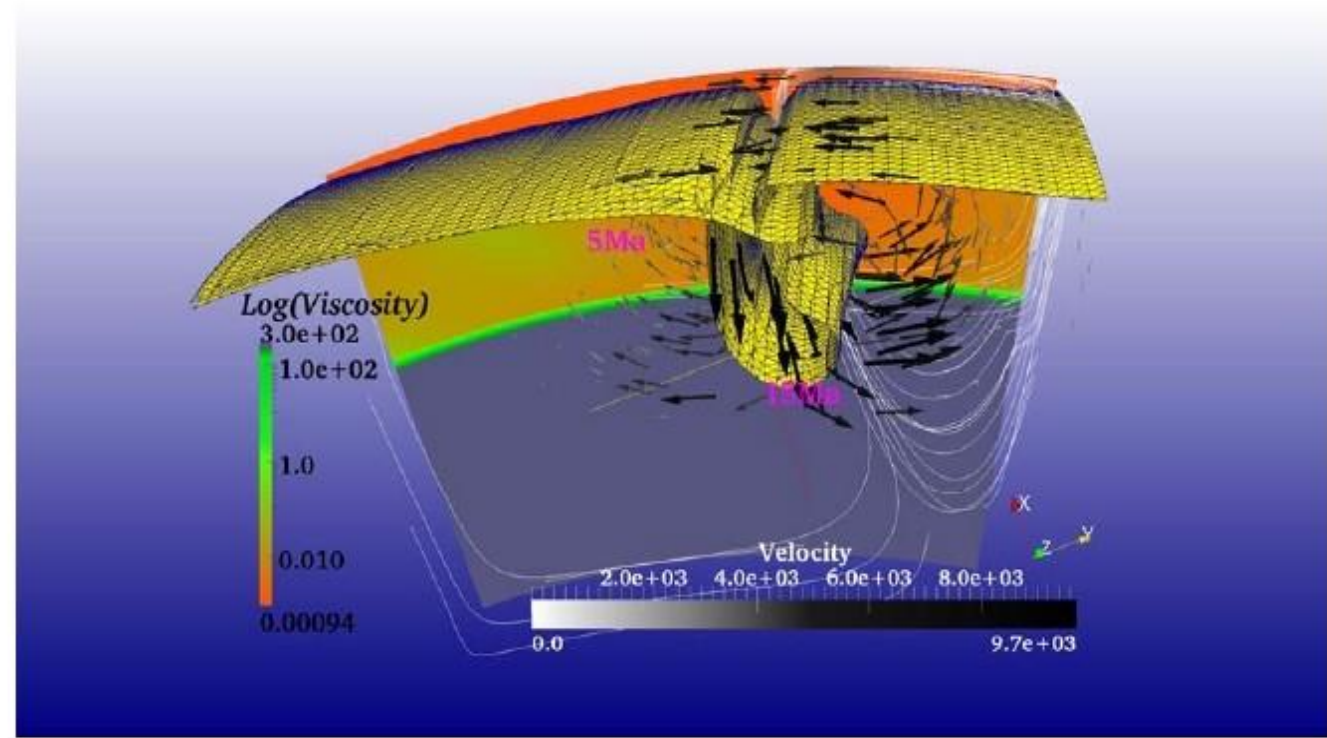
❑ Cost effective solution.

● Scalability

❑ Non-invasive technique can be used in other cancer detection techniques.

● TANNISTHA MAITI

PhD in Geophysics



M

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Towards
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DATA SCIENCE

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CONTRIBUTE

Detecting a simple neural network architecture for email classification

Hyper parameter optimization in email classification.



tannistha maiti

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