Title: Development of classication mo

Problem Statement: Raman radiology detection

Developing imaging platform for multi-biofluids raman spectroscopy for diagnostics for pathologies.

* Rapid,
* Raman spectroscopy as label-free method
* Method for diagnosing COVID (Katy) + results
* Blood and urine prep protocol
* Biobank multi-fluids + data acquisition (raman spectrums)

Objectives : Data mining in acquisition bank for biomarkers. Classification model for machine learning bank.

* Real-time diagnostic
* Salive easy access
* Dataset stratification in terms of demographics, standard molecular test results
* Porduction of multiple predictive models
* Expand application scope of raman spectroscopy diagnostic imaging
* Confounding factors study with examples

Proposed Methodology:

* Format data-sets ref pre-processing articles
* Machine learing models for

Importance of research:

* Trauma cranien
* Diabete glucose monitoring
* Cholesterol, iron levels, thyroid hormones
* Diagnostic operation, low-cost, mobile, fast, dynamic.

Data minig