Research Proposal

RESEARCH PROPOSAL: Please submit a brief description of a maximum of two paragraphs which addresses the following points. Your proposal should be stated in your own words, and written for an audience of non-experts. Ask your faculty mentor to review your responses before submission. Faculty and Student application responses should be distinct. (Maximum size: 350 words/2800 characters.)

Problem statement: succinctly state the research question and its importance in the field

Objectives of your part of the project

Specific tasks you intend to accomplish

Practical application of the research

If you have been previously funded through this program, on this project or another, please describe your progress to date and explain your need for continued funding

Subgroup

Find criteria to segment population to understand the health care needs of Ontario

Use mimic iii data to find appropriate population segmentation

Apply the appropriate population segmentation to Ontario health care data to understand the health care needs of Ontario

Relate to COIVD 19: Are people with cardiovascular disease and COPD more likely to get infected/ die from COVID 19? Who will benefit from hospital / treatment.

How to relate mimic iii patient with corona patient or Ontario patient with corona patient

Patients in different datasets are different patients.

Or need cardiovascular disease data in Corona dataset.

Ontario dataset: health care dataset of everyone in Ontario

Apply same technique

Singapore dataset has an individual patient data

Problem statement: Health Care data is very big and has many features. If we can

Objective:

Tasks: use regression models

Practical Application:

https://www.scribbr.com/research-process/problem-statement/

1. Research fund due date

2. Research proposal

3. Mimic iii Chengrun: https://www.digitalocean.com/community/tutorials/how-to-move-a-postgresql-data-directory-to-a-new-location-on-ubuntu-16-04

4. Coronavirus dataset

5. What is the format of the Ontario dataset?

6. How coronavirus dataset related?

PERSONAL STATEMENT: Please submit a brief statement of a maximum two paragraphs which addresses the following points. (Maximum size: 300 words/2400 characters.)

Your academic strengths and weaknesses.

Your objectives for participating in the project.

Your technical skills and relevant experience; i.e., machining, construction, laboratory instrumentation or techniques, programming