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| --- | --- | --- | --- |
| Algorithm | Advantage | Disadvantage | Citation |
| SVM |  |  |  |
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Dataset

Preprocessing

1. Check the data.
2. Handle the missing value.
3. Check the set is balanced if it is not make it balanced.
4. Data encoding.
5. Split the data set into categories.
6. Feature scaling.

Covered topics of project proposal

1. Existing work
2. Research Gap
3. Contribution to BOK
   1. Problem Domain
   2. Research Domain
4. Research challenge

Research Questions?

Make it specific and answer to the questions are going to be your research work

How to/ What is Question Types

Research Objectives

|  |  |  |  |
| --- | --- | --- | --- |
| Objectives | Description | Learning Outcomes | Research question |
| Literature Review | RO1  RO2  RO3  RO4  RO5 | LO1, LO4, LO8 |  |
| Methodology  Selection |  | LO2, LO6 |  |
| Requirement  Elicitation |  | LO1, LO3, LO5 |  |
| Design |  | LO1, LO5, LO8 |  |
| Implementation |  | LO1. LO5, LO7 |  |
| Evaluation |  | LO1. LO5 |  |

Project Scope:

* In scope
* Out scope

Diagram depiction prototype feature

Research Methodology

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| --- | --- | --- | --- | --- |
| Research Philosophy  To decided you need to take three things into consideration   1. Dataset 2. Requirement engineering   1.Inteviews  2.Questionnarire  3.Qualitative evolution | 4.Positivism  5.Interpretvism  5.Pragrmatism |  |  |  |
| Research approach  1.Deductive  2.Inductive |  |  |  |  |
| Research Strategy   1. Experiment 2. Survey 3. Document analysis |  |  |  |  |
| Research Choice   1. Mono method 2. Multi method 3. Mixed method |  |  |  |  |
| Time horizon   1. Longudinal 2. Cross sectional |  |  |  |  |
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