

## Project Design Phase-I Solution Architecture

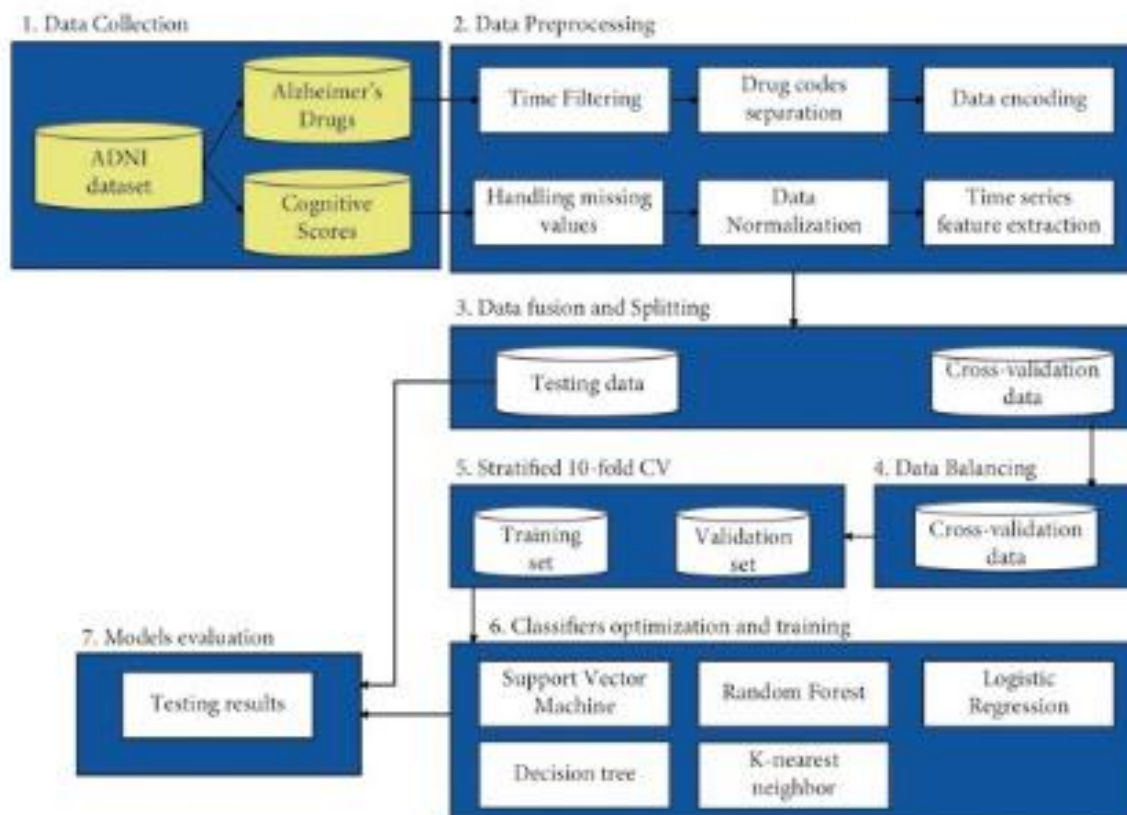
Date	23 <sup>rd</sup> October 2023
Team ID	Team-592004
Project Name	Project:- Alzheimer's disease prediction
Maximum Marks	5 Marks

### Solution Architecture:

Solution architecture is a complex process – with many sub-processes – that bridges the gap between business problems and technology solutions. Its goals are to:

- Find the best tech solution to solve existing business problems.
- Describe the structure, characteristics, behavior, and other aspects of the software to project stakeholders.
- Define features, development phases, and solution requirements.
- Provide specifications according to which the solution is defined, managed, and delivered.

### Example - Solution Architecture Diagram:



## Alzheimer's disease prediction\_(Team-592004)Project Description:

Alzheimer's disease prediction project involves collecting diverse datasets, preprocessing and extracting relevant features, implementing machine learning models for early detection, and validating the model's accuracy. Ethical considerations and continuous updates contribute to its effectiveness in predicting Alzheimer's disease. Alzheimer's disease prediction project involves collecting diverse datasets, preprocessing and extracting relevant features, implementing machine learning models for early detection, and validating the model's accuracy. Ethical considerations and continuous updates contribute to its effectiveness in predicting Alzheimer's disease.

### Solution Architecture Diagram:

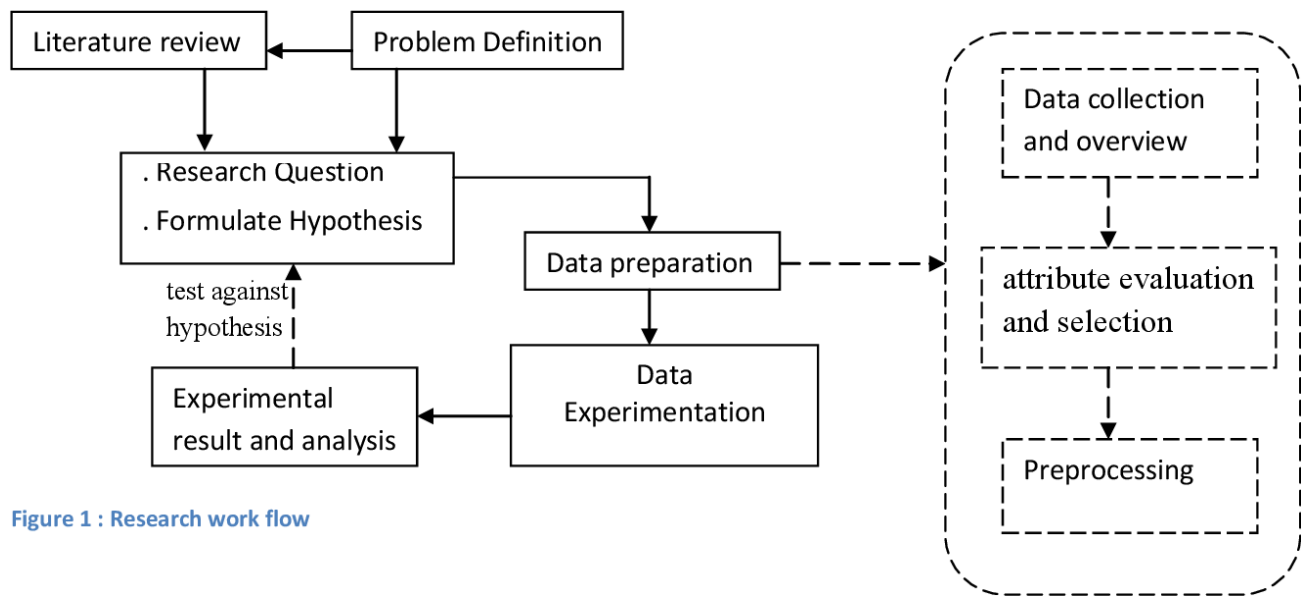


Figure 1 : Research work flow

