

Topic :- "Student Dropout Analysis for School Education"

* Problem Statement Breakdown :

1. Student Dropout Categories

- School wise
- Age wise
- Area wise
- Gender wise
- Caste wise

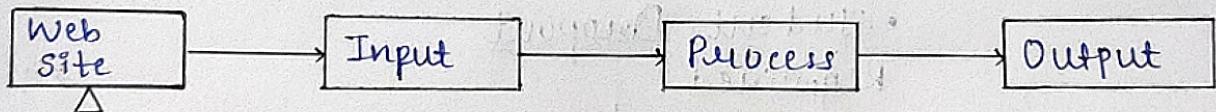
2. Focused Intervention on the high dropout rates

3. Causes or Reason of Dropout.

4. Mode of Education -

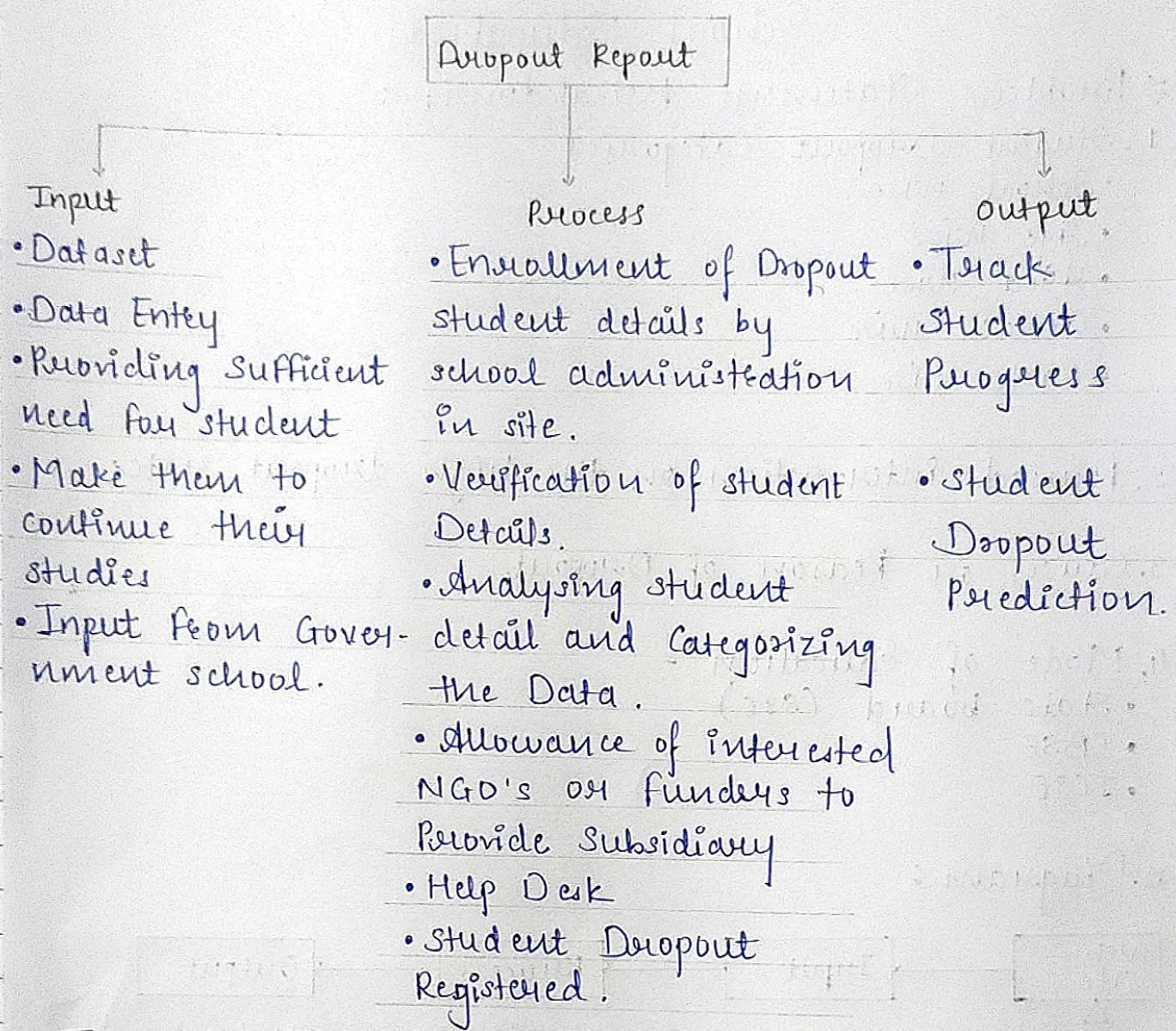
- State board (SSC)
- CBSE
- ICSE

* Diagram :



1. Login Page
 - student detail
 - locality (rural or urban)
 - Cause of Reason
 - Input from Government school .
- Data storage of individual student
- Accessible to any school by student
- Fingerprint Detail
- Data Analysis.
- Student Dropout Prediction

* Tree Diagram :



* Technology Stack :

1. Frontend : • HTML • CSS • Bootstrap • Javascript
2. ML Algorithm : Decision Tree, Logistic Regression, and Linear Regression.
3. Backend : Machine Learning, Python.
4. firebase : Storing Data

5. SQL : Database Management system (DBMS)

6. Visualization : Charts, graphs, matplotlib, Power BI.

7. Version Control : Git and Github.

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