**Theme of Project: Education**

**Project Name: Student level and interest classifier**

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**Project video: https://drive.google.com/drive/folders/1luz9KF97Z\_GJMkum6\_ffhpqHHvZrsx\_Q?usp=sharing**

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**GitHub:** <https://github.com/GauravDaharia20/Student-Level-classifier>

**Steps for preparation of model and deployment:**

**Loading Data**

**Model Accepted and Ready to Deploy**

**Gathering more data as per user Experience**

**User Feedback**

**Accuracy >50%**

**Accuracy < 50%**

**Update Parameters of Model**

**Evaluating Model**

**Preprocessing of Data**

**{Converting Categorical value to Numeric value and Dropping some features}**

**Training Model on Pre-Processed Data**

**Applying Statistical Approach**

**{Checking Correlation in data}**

**Usage of this machine model**

* This particular model can be used by any institution.
* This is a kind of generalised model which will give an intuition to any student about pathway.
* This model can predict the performance and interest level of subject for any student looking forward for pathway in that subject.
* This model can be deployed in backend using any technology.
* This model is technology independent but require GPU for computation.
* This model had a wide usage as per today education scenario because now student wants to pursue their passion and this model may help them.