* Machine learning algorithm used:

The Decision Tree; it’s a supervised machine learning algorithm.

* Features relevant for predicting enrollment and graduation success:

Student demographics: such as Age, gender, nationality and socioeconomic status (parent’s occupation)

Academic performance: such as presence of a scholarship

Extracurricular activities: participation in extracurricular activities

* Protecting the privacy of the student data while using it to develop predictive models:

This can be done by:

-Replacing student names with unique identifiers

-Removing dates of birth and other sensitive info

-Generalizing geographic locations

* Communicating the results of the model to educational institutions in a way that is actionable and informative

This can be done by:

-Developing a risk assessment tool; it can be used to identify students who are at the risk of dropping out or failing to graduate, and giving them the support they need.

-Developing personalized recommendations for students; the model could recommend specific courses and extracurricular activities that would help the students to excel.