



Mini Preject

Topic : Predict Student Dropout
and Academic Outcomes



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Introduction

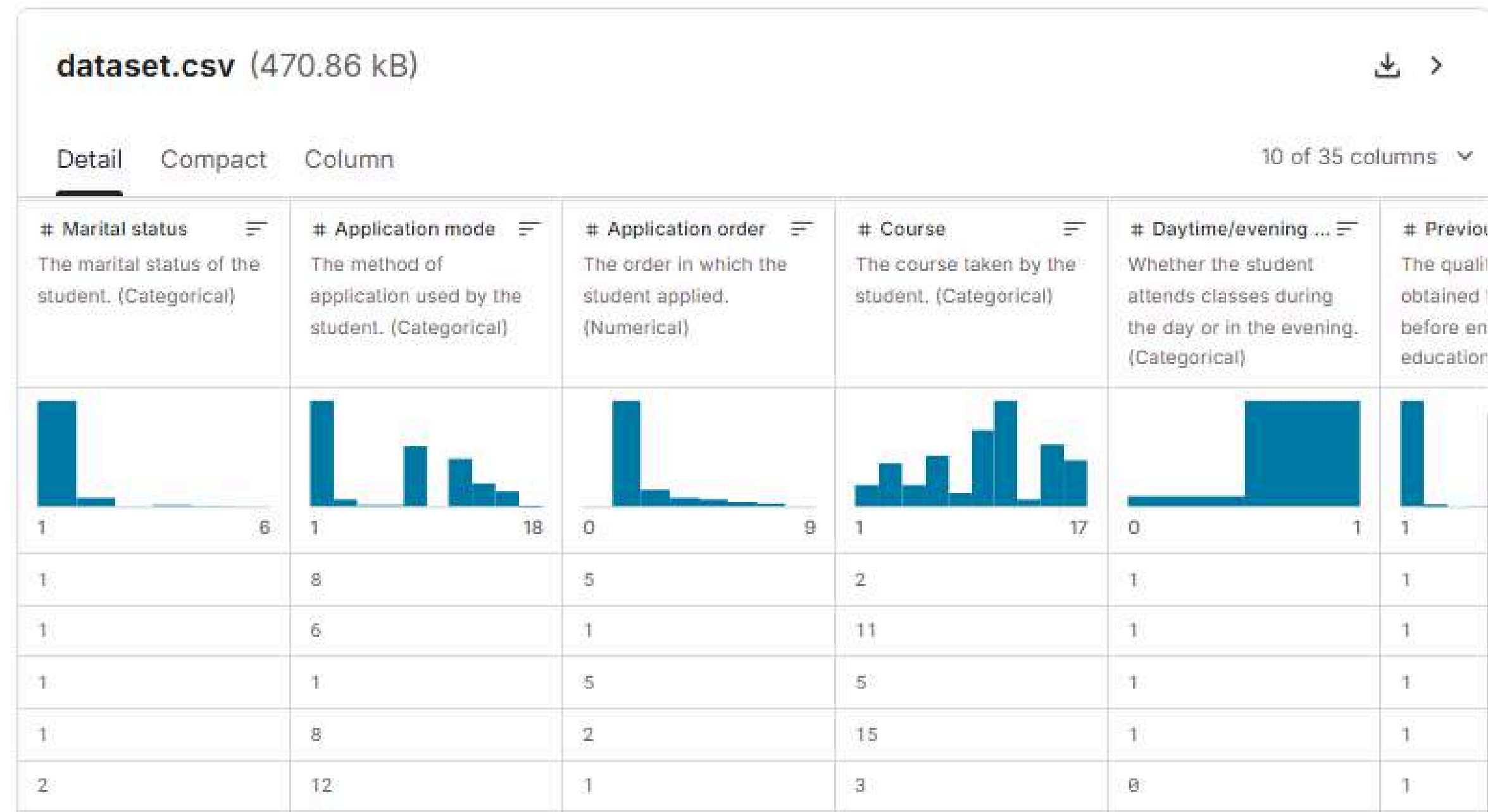
Objective

- Create a Machine learning model
- Identify Important Factors
- Support Educators and Policymakers



Data Collection

Input Data



Dataset Overview

This dataset, collected from Kaggle, contains information students, such as:



Demographics



Socio-economic background



Academic performance



Data Preprocessing

We need to do in this process make sure our dataset is clean and haven't exist error

Loading Data

- We Collect dataset from kaggle that have shape (4425,35)
- And target have 3 classes
-

Handling Missing Values

- We use library to find the missing values
- Our my dataset don't have missing

Removing Duplicates

```
[ ] data.duplicated().sum()
```

```
np.int64(0)
```


Explore Data Analysis

