

A large travel agency has asked us to predict whether a flight will be canceled based on several factors. The agency can sell tickets for only three airlines (AA,UA, and DL) and would like to be able to advise its customers on which airline has the least risk of cancellation. Using the dataset provided:

Build a model to predict whether a flight will be canceled.

The dataset includes the following fields.

Field	Name	Type	Description
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Canceled		Binary	Canceled = 1
Month		Integer	Jan = 1
DepartureTime		Integer	Military Time (1:00 PM = 1300)
UniqueCarrier		String	Airline Carrier Code
SchedElapsedTime		Integer	Scheduled Flight time in minutes
ArrDelay		Integer	Arrival delay in minutes
DepDelay		Integer	Departure delay in minutes
Distance		Integer	Distance in miles