

PROJECT OBJECTIVES

Team Id	PNT2022TMID50880
Project	Applied Data Science (B1-1M3E) Developing a flight delay prediction model using Machine learning
Team Members	MURUGANANTHI K VISHWA ABIRAMI P PAVITHRA R DIVYA P

Project Objectives:

- ✎ Many factors can come into play when a traveler chooses a flight. At Amadeus, we know that price is one of the main factors, but we also wondered what other criteria might be relevant?
- ✎ Flight delays and cancellations are two of the most common travel headaches, but what if you could know in advance the probability of a flight being delayed? Would you still book it? What if it was a connecting flight?
- ✎ Knowing the probability of flight delay or cancellation is a crucial tool for travelers, so we set about creating a model to predict long-term flight delays.
- ✎ Rather than looking at disruptions caused by punctual factors like weather, we wanted to see which flights and itineraries had the highest probability of delays or cancellations over time.