



# Dataset structure

**01**

Departures from Anapa airport (AAQ)

**03**

The DataSEt does not include cancelled flights

**02**

Winter Season 2017  
(January, February and December )

**04**

Some directions were excluded from dataset.  
(No information about that flights)

# Data description

Признак	Описание
flight_id	Flight Identifier
sold_seats	Number of sold tickets
scheduled_departure	Departure Date
scheduled_arrival	Arrival Date
total_amount	The amount from sold tickets
latitude	Latitude
longitude	Longitude
airport_code	A unique 3-letter code to identify the airport
model	Aircraft model name
availableseats	Full flight occupancy
departure_airport	Departure Airport

# Added Data & Missing Data



- The price of aviation fuel
- The consumption of aviation fuel by a particular model of aircraft



- Salaries
- Maintenance costs
- Administrative costs

# Conclusion

- Dataset contains information about 127 completed flights (Winter season 2017).
- The total amount of income from transportation was 125073878.25 rubles.
- Two factors to cancel flights - cabin occupancy is less than 75% occupancy and total amount less than 1460000 rubles .
- The amount of sold seats is directly proportional to revenue per flight.

## The list of unprofitable flights:

136122, 136178, 136204, 136250, 136360,  
136464, 136642, 136807

