Project Proposal.

Airport Performance

Introduction:

Airport Performance is an important subject that should be take in our account all the time to better understanding of the Key Performance that can be used to assess the individual strengths and weaknesses of airports. The core areas are safety and security, service quality, productivity/cost effectiveness, finance/commercial and environmental.

The proposal illustrates the features that we would rely on to calculate

Data Set Description:

The data set can be found in Kaggle Website.

The data set describe every person and classify the to classes according to their information A

Origin_airport	Destination_airport	Origin_city	Destination_city	Passengers	Seats	Flights	Distance	Fly_date	Origin_population	Destination_population
MHK	AMW	Manhattan, KS	Ames, IA	21	30	1	254	10/1/2008	122049	86219
EUG	RDM	Eugene, OR	Bend, OR	41	396	22	103	11/1/1990	284093	76034
EUG	RDM	Eugene, OR	Bend, OR	88	342	19	103	12/1/1990	284093	76034
EUG	RDM	Eugene, OR	Bend, OR	11	72	4	103	10/1/1990	284093	76034

Characteristics:

1. Origin Airport.
2. Destination Airport
3. Origin City
4. Destination City
5. Passengers Seats
6. Flights
7. Distance
8. Fly Date
9. Origin Population
10. Destination Population

Model description

Discount rate based on the destination of flights and seats available on flights.

Discount Rate = (distance / available seats)*15%

Tools:

There are different tools we would works with as Machin Learning:

A. Pandas
B. Jupiter Notebook
C. Matplotlib
D. NumPy