Airlines Data Analytics For Avaition Industry

PROPOSED SOLUTION

S.No	Parameter	Description
1.	Problem statement (problem to be solved)	The airport codes may refer to either the IATA airport code, a three-letter code that is used in passenger reservation, ticketing and baggage-handling systems, or the ICAO airport code which is a four-letter code used by ATC systems and for airports that do not have an IATA airport code.
2.	Idea/Solution description	• Foster a pleasant work environment. • Better Knowledge about arrival and departure of the flights using the data analytics. • Appoint the right leadership.
3.	Novelty/Uniqueness	• Data Analytics of the aviation is when an airplane leaves the airport and arrives to the next juncture . • This aviation industry isTo provide better Airline and AirPort services and to avoid delays in Air Travel across different locations at Municipality level. The aim is to provide airports, airlines, and the travelling public with a neutral, third-party view of which airlines are delivering on their promise to get passengers from Point A to Point B on-time.
4.	Customer Satisfaction/ Social impact	○ Clarify the growth &Career path ○ Healthy, Pleasant & Engaged Environment ○ Work life balance • Continuous checking of the flight timings
5.	Business model (Revenue model)	• Business environment, the impact of aviation on a business can be detrimental to both the bottom line and morale. Aviation can involve the loss of data of airplanes. • Cost of customer charges • Cost of employees involved in aviation field

6	Scalability of the Solution	• For calculating data analytics in aviation, you divide the average number of departures in a given period over the average number of employees in that period and then multiply by 100For calculating attrition, you divide the average number of departures in a given period over the average number of employees in that period and then multiply by 100 to get the percentage