Assignment - Airline on-time performance

Given the data set for year 1991 and 2001:

https://doi.org/10.7910/DVN/HG7NV7

1. Compare 1991 and 2001 with respect to:
   - What characterises flights that are on time?
   - Add your own analytics (predictive, prescriptive) question and answer it.

2. A bigger airport intends to collect data from the travellers' smart phones, flight plans, passport control, security control, and visits to shops and restaurants. The intention is to collect data, and then categorise travellers. In the future, travellers that are categorised as "likely to cause late departure of flight" will receive reminders via text message and staff around the airport can access a dashboard that can indicate in which areas the traveller might be in. Future plans also include to install a facial recognition system in shops and restaurants.

   With respect to Solove (2006), discuss if the airport might run into any ethical dilemmas or problems.

Describe how you have tried to solve the above questions and your findings, in a short report (max 5 pages).

Prepare an oral presentation. You are free to design the oral presentation as you like, e.g., PowerPoint or use a tool/platform. Each student has 30 min for presentation.

You are free to use any type of tool or platform in this assignment.

Solove (2006) A Taxonomy of Privacy