Inflight: Practical 1

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Contents

1 Introduction

Part 1	Part 2	Part 3
Read in and store the dataset using PySpark	Determine a "performance" metric for airports and display a radar chart to compare airport performance given a list of airports	
Display the total number of flights given a year	Chart region and state performance on on a US map	
Display the total number of flights given a range of years	Display a table of the best and worst performing states in each US region	
Display the total number of flights given comma-separated list of years		
Display the percentage of flights that departed on time, early and late		
Display the top reason for cancelled flights given a year		
Determine a "performance" metric and display the top three worst performing airlines		

Table 1: Features implemented in each part of the project.

2 Part 1

3 Part 2

4 Part 3

5 Evaluation

6 Conclusion

Word Count: 0