Analyze Incidents & Flights
CS3200 Final Project

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Summer 1 2025

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## Loading required package: DBI
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Analysis by Month

Table 1: Monthly Incident Totals by Type

Month	IncidentType	TotalIncidents
January	crew	116
January	faa	137
January	mechanical	124
January	medical	131
January	security	118
January	turbulence	102
January	weather	123
February	crew	202
February	faa	202
February	mechanical	249
February	medical	218
February	security	225
February	turbulence	248
February	weather	225
March	crew	210
March	faa	244
March	mechanical	223
March	medical	219
March	security	234
March	turbulence	221
March	weather	227
April	crew	221
April	faa	245
April	mechanical	221
April	medical	236
April	security	251
April	turbulence	221
April	weather	219
May	crew	239

May	faa	229
May	mechanical	218
May	medical	229
May	security	259
May	turbulence	244
May	weather	272
June	crew	236
June	faa	232
June	mechanical	246
June	medical	224
June	security	248
June	turbulence	212
June	weather	206
July	crew	217
July	faa	253
July	mechanical	251
July	medical	251
July	security	232
July	turbulence	244
July	weather	243
August	crew	241
August	faa	242
August	mechanical	247
August	medical	214
August	security	255
August	turbulence	218
August	weather	242
September	crew	244
September	faa	215
September	mechanical	241
September	medical	249
September	security	235
September	turbulence	261
September	weather	226
October	crew	268
October	faa	233
October	mechanical	211
October	medical	216
October	security	231
October	turbulence	238
October	weather	232
November	crew	231
November	faa	242
November	mechanical	234
November	medical	252
November	security	245
November	turbulence	245
November	weather	221
December	crew	118
December	faa	120

December	mechanical	113
December	medical	103
December	security	122
December	turbulence	113
December	weather	129

Analysis by Airline

Table 2: Incident Summary by Airline

Airline	TotalIncidents	AverageDelay
VN	409	73.33
QF	423	70.64
AF	424	77.14
SV	427	75.88
MU	428	74.11
KL	428	72.65
OZ	429	72.04
AI	429	76.12
TK	430	75.40
NZ	432	71.88
BA	435	72.92
SU	435	74.17
NH	439	73.00
AV	440	72.99
FR	440	75.84
AA	440	72.38
U2	441	73.17
QR	442	72.23
AD	444	71.41
CZ	449	75.23
CX	449	74.06
IB	450	74.78
EY	450	76.06
AY	453	73.00
DY	454	76.11
LH	455	73.60
AC	456	73.70
KE	458	72.25
UA	462	74.02
SQ	463	69.51
LA	467	74.59
WN	472	74.58
DL	474	72.85
MH	478	72.44
TG	478	72.34
JL	481	72.43
G3	481	76.49

EK	491	72.52
AZ	499	72.75
AM	509	72.56

Trend by Year

Total Number of Incidents by Year