Flying Through The Years Analysis

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ccidents about civil aviation accidents and selected incidents in the United States and internation
gines each plane has.The aviation companies that make airplanes can use this analysis to impro
duction of injury incidents.

Outline

- Business Understanding
- Data & Methods
- Results
- Conclusions

Business Problem

- Reduce accidents/injury
- Increase engines in each plane

Data & Methods

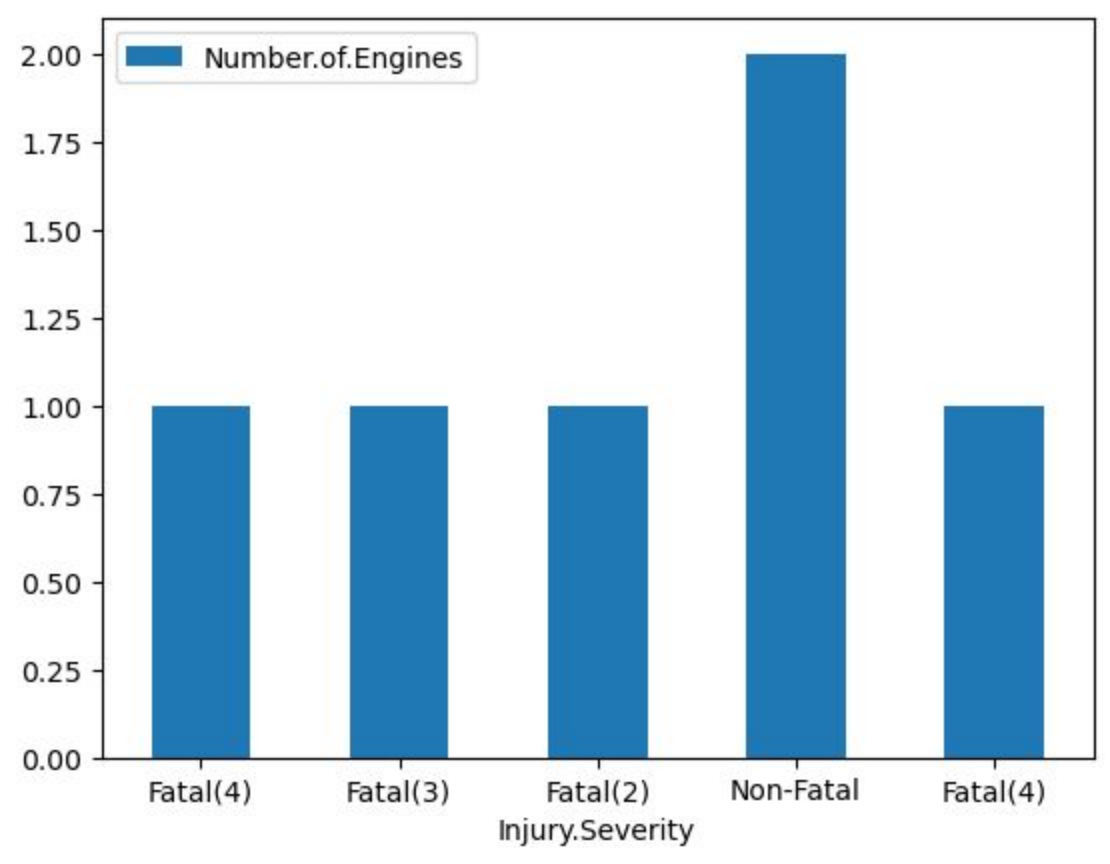
- Years of accident Reports
- The Amount of Injury Severities
- Number of Engines

	Accident Date	Injury.Severity	Number.of.Engines
0	1948-10-24	Fatal(2)	1.0
1	1962-07-19	Fatal(4)	1.0
2	1974-08-30	Fatal(3)	1.0
3	1977-06-19	Fatal(2)	1.0
5	1979-09-17	Non-Fatal	2.0
6	1981-08-01	Fatal(4)	1.0
7	1982-01-01	Non-Fatal	1.0
8	1982-01-01	Non-Fatal	2.0
9	1982-01-01	Non-Fatal	1.0
10	1982-01-01	Non-Fatal	1.0

Results

- The more engines the

  Less injury severity



Conclusions

- Reduce by having more engines
- Improve each individual engine

Next Steps:

- Further analyses could yield additional insights to further improve how many engine a plane should have to reduce accidents

Thank you !

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