

IS THERE A PATTERN IN AVIATION ACCIDENTS ?



ROSHAN LULU

<https://roshanlulu.github.io/>

GOAL & SUCCESS CRITERIA

- Analyse historical accident data
- Identify key parameters from the dataset and check for correlation
- Visualise the pattern of identified parameters over time
- Find the best performing airline, aircraft, safest route based on historical data.

TARGET AUDIENCE

- Insurance Companies
- Pilot training schools
- Travellers
- Aircraft manufacturers

<http://planecrashinfo.com/1920/1920-1.htm>



An open source and collaborative framework
for extracting the data you need from websites.
In a fast, simple, yet extensible way.

```
[
  { "Date:": "September 17, 1908" },
  { "Time:": "17:18" },
  { "Location:": "Fort Myer, Virginia" },
  { "Operator:": "Military - U.S. Army" },
  { "Flight #:": "?" },
  { "Route:": "Demonstration" },
  { "AC\n      Type:": "Wright Flyer III" },
  { "Registration:": "?" },
  { "cn / ln:": "1" },
  { "Aboard:": "2 \u00a0 (passengers:1\u00a0 crew:1)" },
  { "Fatalities:": "1 \u00a0 (passengers:1\u00a0 crew:0)" },
  { "Ground:": "0" },
  { "Summary:": "During a demonstration flight, a U.S. Army flyer flown by Orville Wright nose-dived into the ground from a height of approximately 75 feet, killing Lt. Thomas E. Selfridge, 26, who was a passenger." }
]
```

