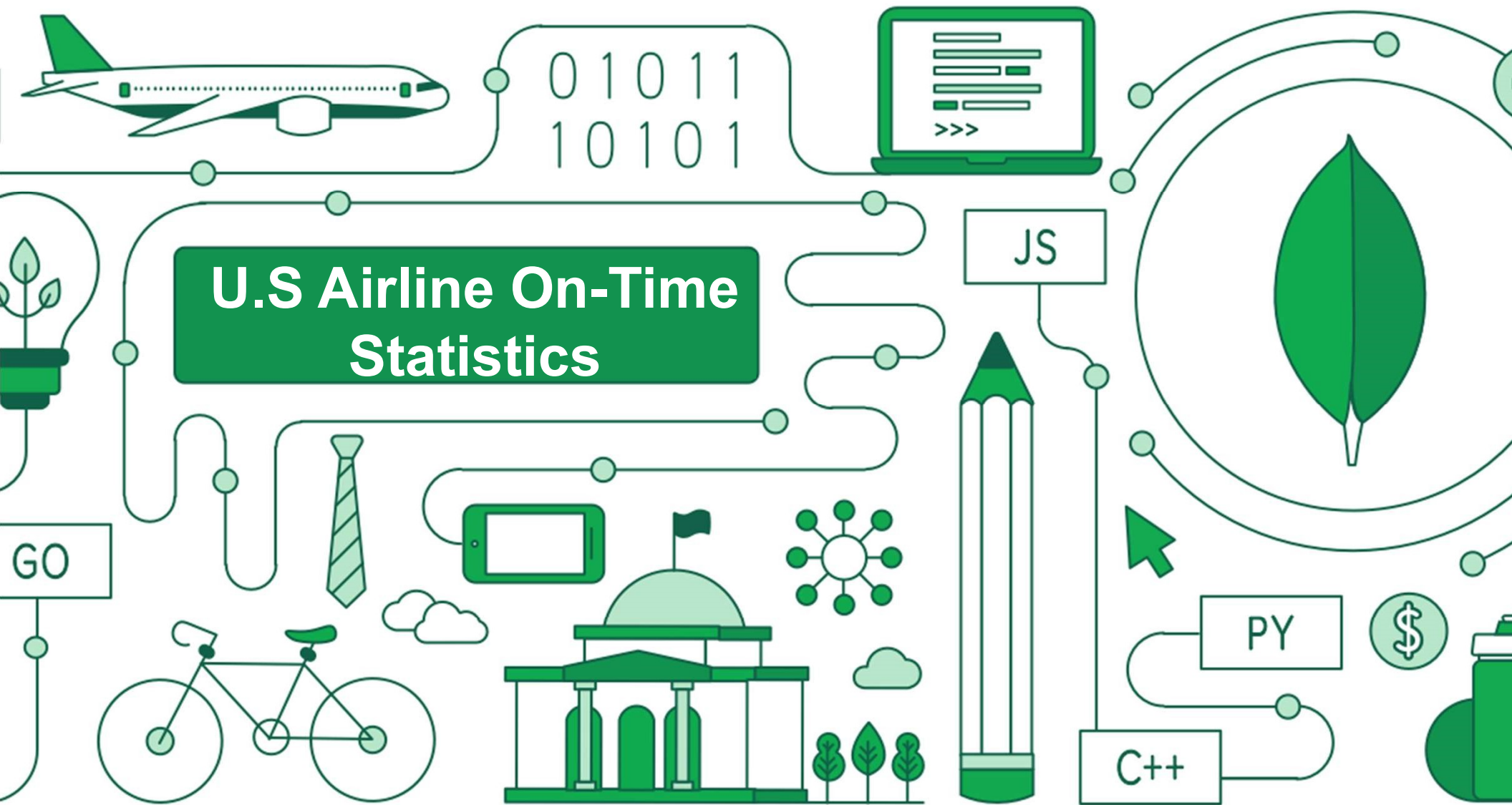
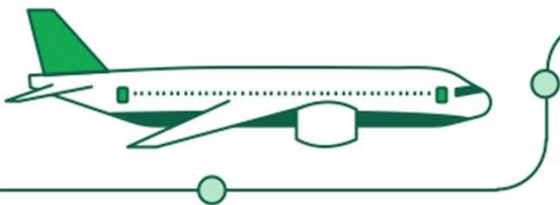


U.S Airline On-Time Statistics





BACKGROUND

Objective: Reporting four U.S. Airlines (American Airlines, Southwest Airlines, Delta Airlines, United Airlines) on-time performance (December-2020) in order to help the airline companies and customers make better business decisions and travel plans.

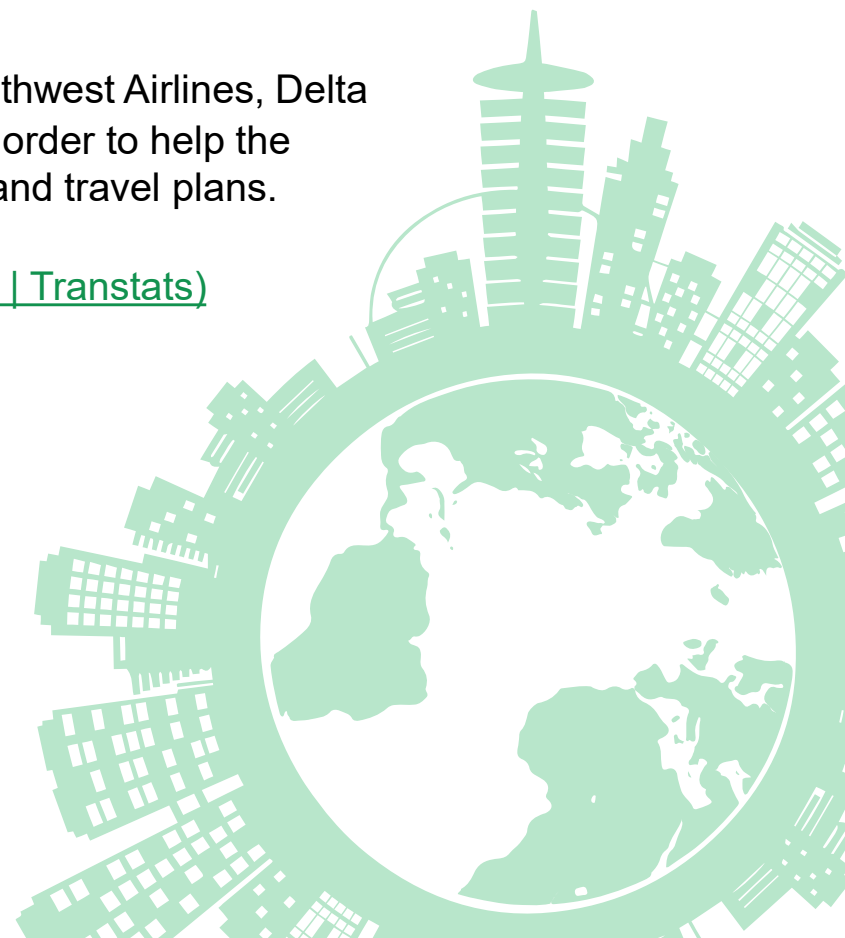
Data Source: Bureau of Transportation Statistics ([RITA](#) | [BTS](#) | [Transtats](#))

Target Platform: MongoDB

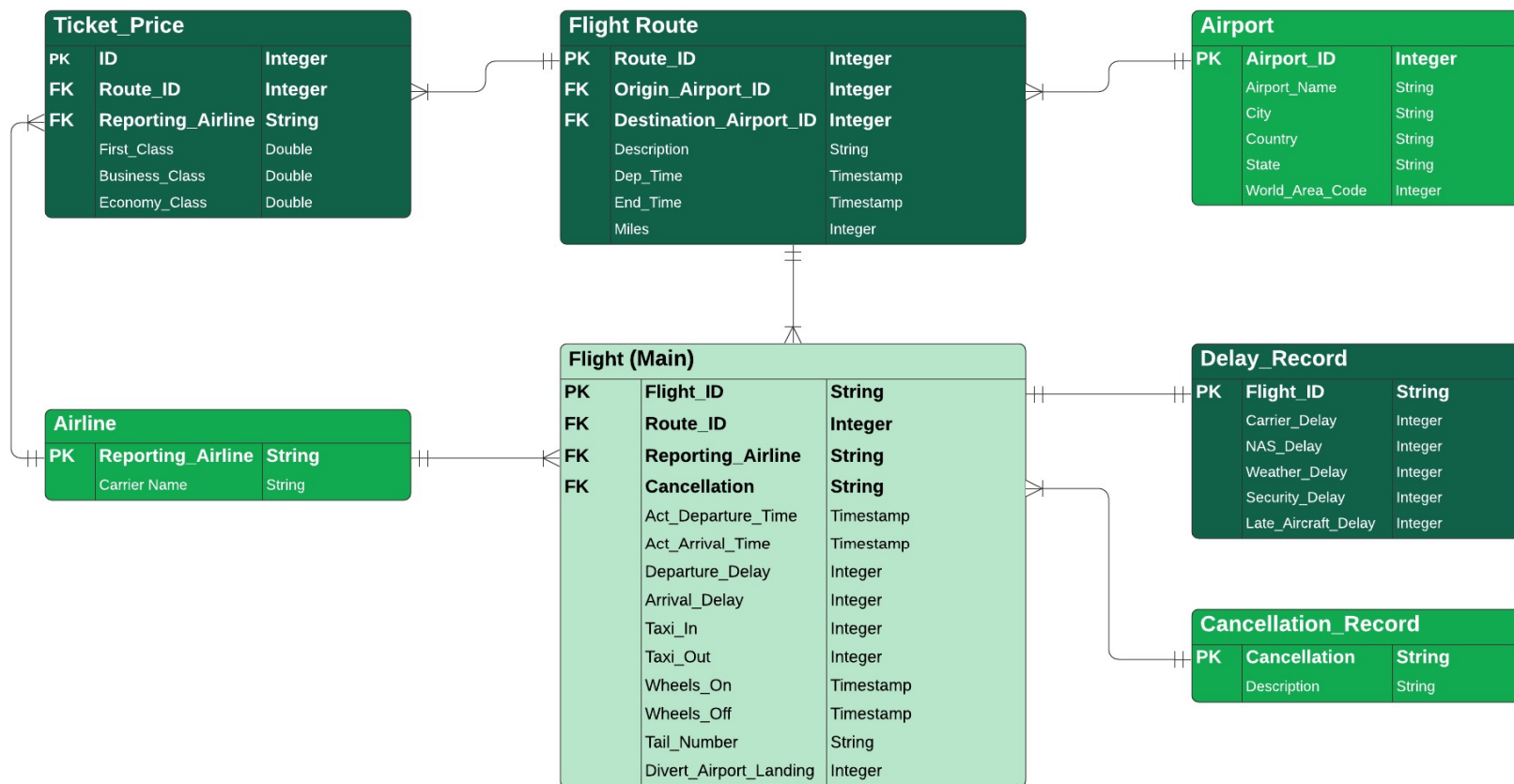
Tools: MongoDB Compass and NoSQL Manager for MongoDB

Variables:

- Route Variety
- Time Variety
- Passenger Revenues
- Delays
- Cancellations
- Taxi-In and Taxi-Out Time



ARCHITECTURE DIAGRAM



Extract Load Transformation

