This is a synthetic dataset looking at mode choice for 3080 travelers.

**Table 1:** Data dictionary for exercise 3.

|  |  |  |
| --- | --- | --- |
| **Variable** | **Description** | **Values** |
| ID | Unique individual ID | 1 to 3080 |
| time\_car | Travel time (minutes) for car | Min: 250, Max: 390 |
| cost\_car | Travel cost (£) for car | Min: 30, Max: 50 |
| time\_bus | Travel time (minutes) for bus | Min: 300, Max: 420 |
| cost\_bus | Travel cost (£) for bus | Min: 15, Max: 35 |
| access\_bus | Access time (minutes) for bus | Min: 5, Max: 25 |
| time\_air | Travel time (minutes) for air | Min: 50, Max: 90 |
| cost\_air | Travel cost (£) for air | Min: 50, Max: 110 |
| access\_air | Access time (minutes) for air | Min: 35, Max: 55 |
| service\_air | Service quality for air | Categorical variable:  “no-frills”, “wifi”, “food” |
| time\_rail | Travel time (minutes) for rail | Min: 120, Max: 170 |
| cost\_rail | Travel cost (£) for rail | Min: 35, Max: 75 |
| access\_rail | Access time (minutes) for rail | Min: 5, Max: 25 |
| service\_rail | Service quality for rail | Categorical variable:  “no-frills”, “wifi”, “food” |
| Choice | Selected travel mode (target variable/label) | Categorical variable:  “car”, “bus”, “air”, “rail” |