```
┌─────────────────────┐      ┌─────────────────────┐                          ┌─────────────────────┐      ┌─────────────────────┐
│ Basketball Dataset  │      │   Google CoLab      │    Prepare and Clean     │    Python           │      │  Validation Method  │
│                     │ ───▶ │   Python            │ ─▶  Data File       ──▶  │    Clean Data       │ ──▶  │  Supervised         │
│   Player.csv        │      │   Dependencies      │                          │                     │      │                     │
│   Season_Stats.csv  │      │                     │                          └─────────────────────┘      └─────────────────────┘
│   Player_Data.csv   │      │   Numpy             │                                                            Yes
└─────────────────────┘      │   Pandas            │                                                                         │
                             │   SciKit Learn      │                                                                         ▼
                             │   MathPlotLib       │                               Sample                    ┌─────────────────────┐
┌─────────────────────┐      │   Tensorflow        │                               Data                      │   Test and          │
│   Questions?        │      └─────────────────────┘                                                         │   Update            │
│                     │                                                                                      │   Model             │
│ When is an NBA's Peak? │                                                         Choose and                └─────────────────────┘
│ • Ranking           │                                                           Algorithm
│ • Physical Condition│                                                                                      PgAdmin4
│ • Era               │         ┌──────┐   ┌──────────────────────┐
│ • Location          │   ◀──── │ User │   │  User Interaction    │
│ • Injuries          │         │Laptop│   │                      │
│ • Average Life of Carrer │    │comp. │   │  Dropdown            │
│ • Pay and Present Value │     └──────┘   │  Mouse Hoover & Select│    Fit a Model
└─────────────────────┘                    └──────────────────────┘

┌─────────────────────┐
│  User Selection     │
│ • Player ID         │
│ • Player Name       │
│ • Stats             │
│   ○ Status          │
│     (Active/Retired)│
│   ○ Age             │
│   ○ Physical        │
│   ○ Era             │                              HTML    CSS    JS    Data Feed
│   ○ Location        │                                                   to
│   ○ Injuries        │                                                   Dashboard
│   ○ Average         │
│     Career Life     │
│   ○ Salary          │
│     ▪ Paid          │
│     ▪ Present       │
│       Value         │
│   ○ Ranking         │
└─────────────────────┘
```

[Title - TBD]
Group 4 Final Project
17 March 2022