

# Deployment & Reproduction Guide

Team 5

**Public Github:** <https://github.com/TylerVenner/Analysis-of-NBA-Contract-Valuation-Bias>

## 1. Front-end Setup Guide

This application is built using Streamlit. To ensure full functionality and access to the latest assets, we recommend running the project from our GitHub repository.

### Prerequisites

- Python 3.8 or higher installed.
- Git (optional, for cloning).

### Step-by-Step Installation

Step 1: Download Source Code

We recommend downloading the latest version of the code directly from GitHub to ensure all large data assets are present.

git clone <https://github.com/TylerVenner/Analysis-of-NBA-Contract-Valuation-Bias.git>

Step 2: Install Dependencies

Run the following command to install the required libraries:

```
pip install -r requirements.txt
```

Step 3: Run the Application

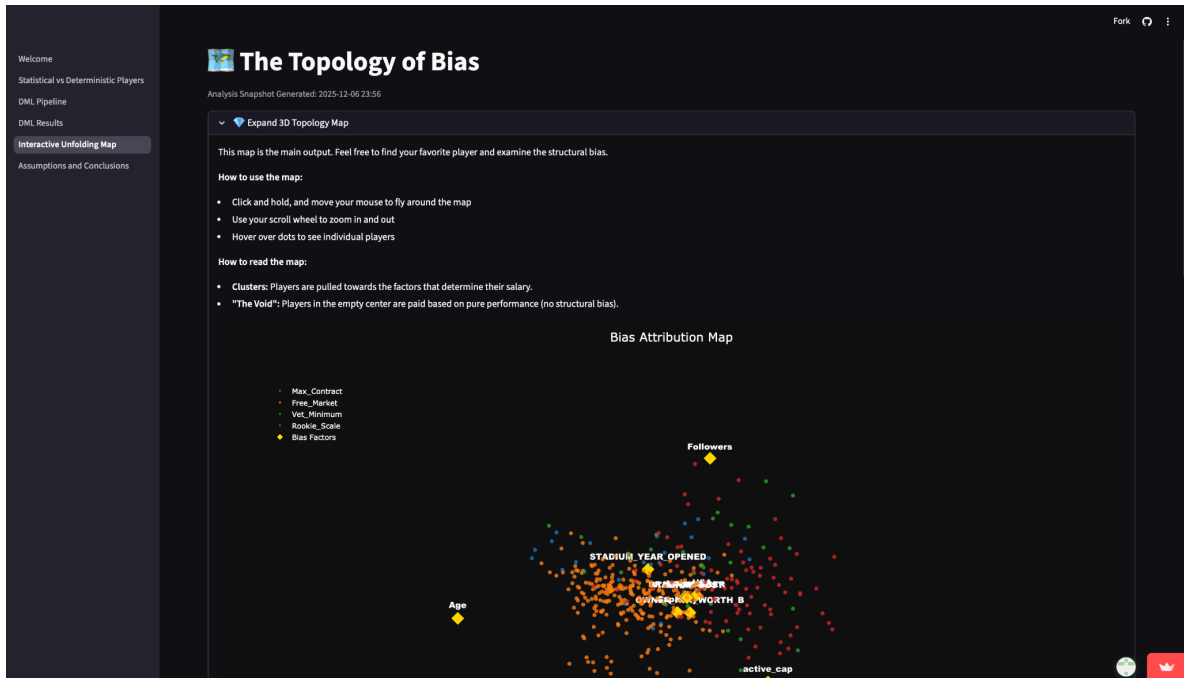
```
streamlit run Welcome.py
```

### Verification

The application will open automatically in your default web browser at <http://localhost:8501>.

```
(base) leonelgaribay@campus-020-091 Analysis-of-NBA-Contract-Valuation-Bias % streamlit run Welcome.py
You can now view your Streamlit app in your browser.
Local URL: http://localhost:8501
Network URL: http://128.120.76.193:8501
```





### 3. Cost Summary

The reproduction of this project is designed to be cost-free.

Component	Provider	Cost	Notes
Compute	Local Machine	\$0.00	Runs on user's local CPU.
Model Serving	Streamlit Local	\$0.00	Uses pre-computed model weights.
Storage	GitHub / Local	\$0.00	Code and data are hosted for free.
Total Cost		**\$0.00**	All components within free usage.

