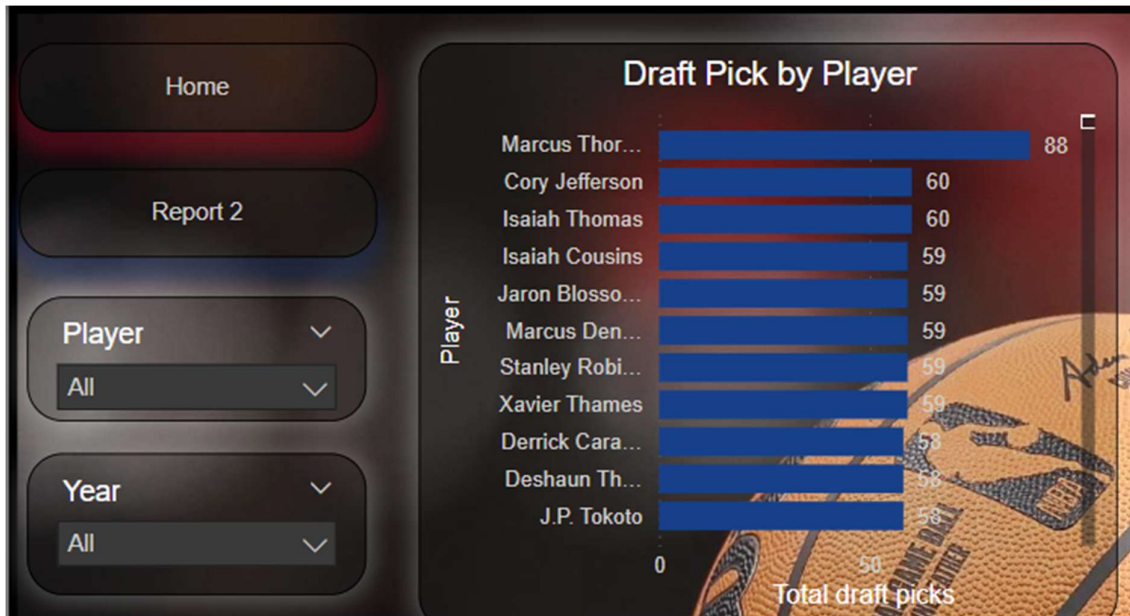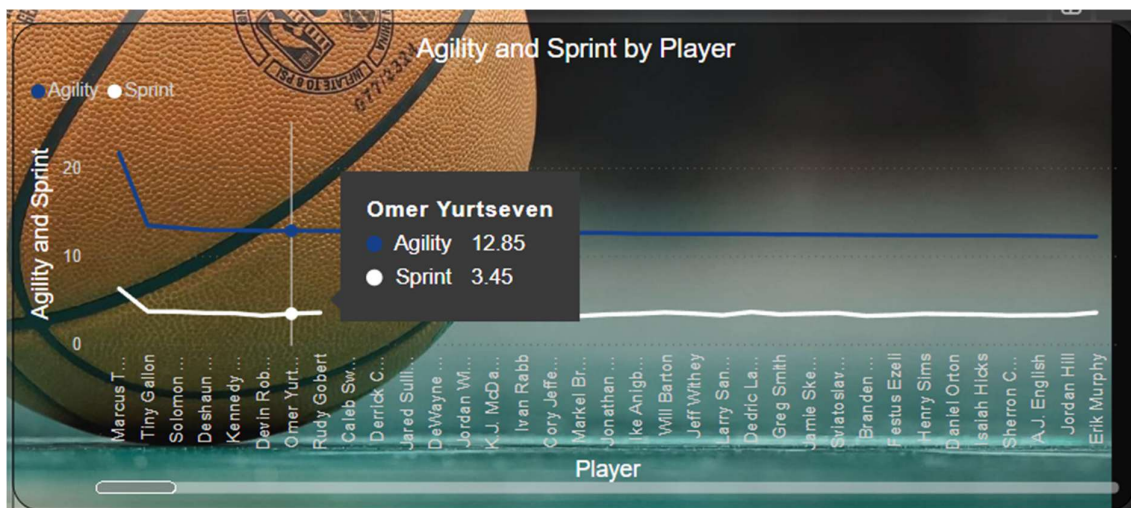# NBA Data Analysis

Wireframe Documentation

Homepage

As per the problem statement, I have created a year wise comparison of players performance using year slicer over graphic tile.

1. Total Draft Pick by Player:

In this horizontal bar chart, we can see the total draft pick by player. We can also filter chart year wise by total draft picks by player. This helps us understand which player has how many draft picks.

2. Agility and Sprint by player:

In this line chart, we can see the agility and sprint by player. We can also filter chart year wise to get year wise line chart of agility and sprint by player. This helps us understand which player has how much agility with sprint.

3. **Table of key metrics involved in player's performance:**

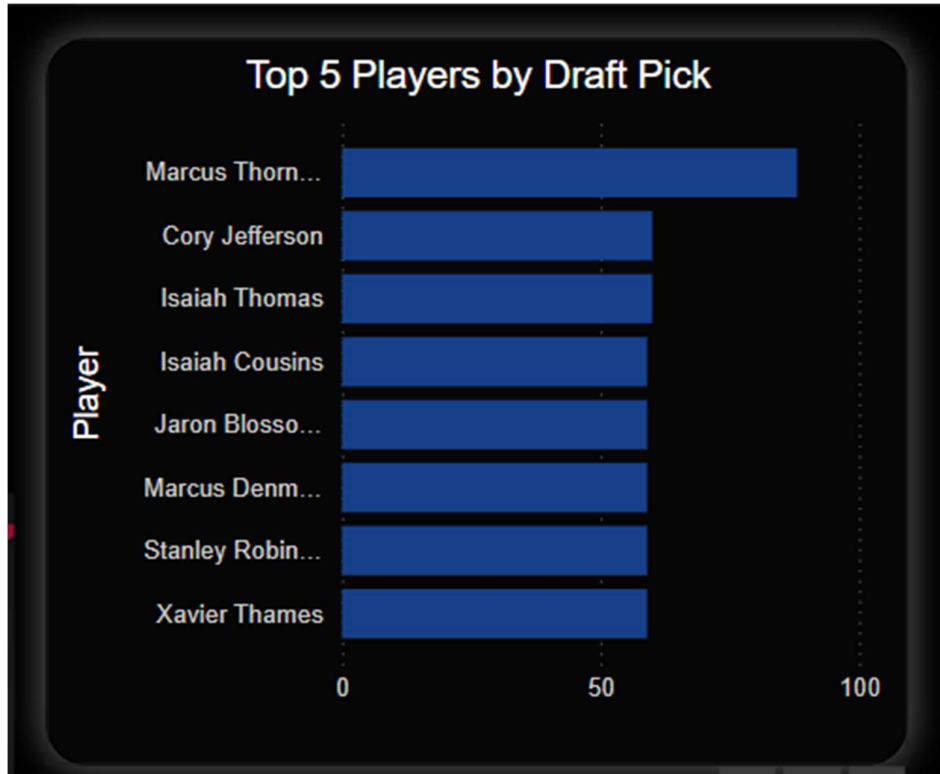| Player	Sum of Wingspan	Sum of Vertical (Max)	Sum of Standing reach	Sum of Body F
Marcus Thornton	156.75	76.00	196.50	10.
Rudy Gobert	92.50	29.00	115.00	4.
Zhou Qi	91.75	32.00	112.50	4.
Hassan Whiteside	91.00	31.50	113.00	5.
Jonathan Jeanne	90.50	31.50	113.50	8.
Andre Drummond	90.25	33.50	109.50	7.
Hasheem Thabeet	90.25		113.00	6.
Ike Anigbogu	90.25	32.50	110.50	5.
Dexter Pittman	90.00		111.00	20.
Thomas Bryant	90.00	33.00	112.50	9.
DeMarcus Cousins	89.75	27.50	113.00	16.
Festus Ezeli	89.75	33.50	108.00	5.
Larry Sanders	89.75	28.00	112.00	4.
Total	42,651.10	15,811.50	53,393.50	3,706.

The table involves a main column called player for which the sub-column shows Wingspan, Max Vertical, Standing reach, Body Fat.

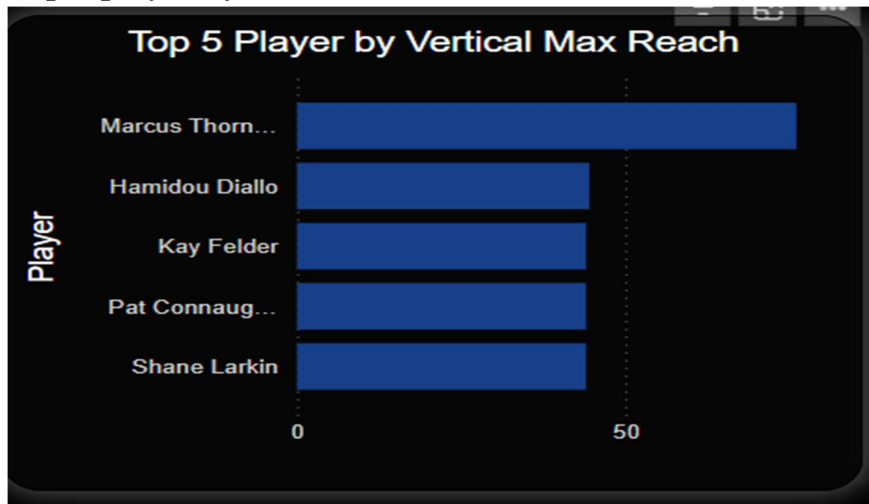4. **Hand Length and Hand Width by Player:**

In this stacked bar chart, we can see the hand length and hand width by player. We can also filter chart year wise stacked bar chart of hand length and hand width by player. This helps us understand player's hand length and width span.
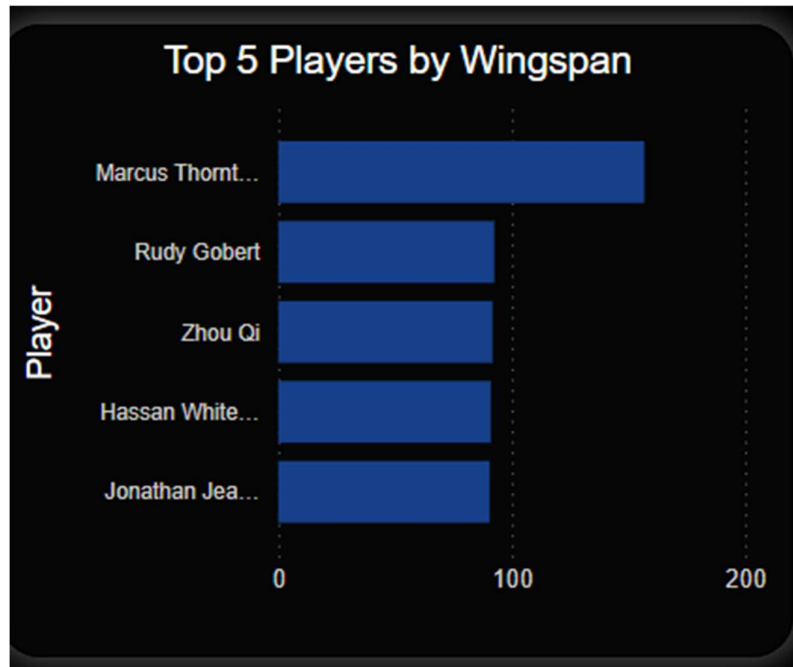
5. **Top 5 players by draft picks:**

This horizontal bar chart shows the top 5 players by draft pick. We can see that 'Marcus Thorton' has highest draft pick as 88. We can also filter this using the year slicer.

6. **Top 5 player by Max Vertical Reach:**

This horizontal bar chart shows the top 5 players by Max Vertical Reach. We can see that 'Marcus Thornton' has the highest vertical reach as 76. We can also filter this by using the year slicer.

7. **Top 5 players by Wingspan:**

This horizontal bar chart shows the top 5 players by Wingspan. We can also filter this using year splicer.