



# NBA Players - Croatia First

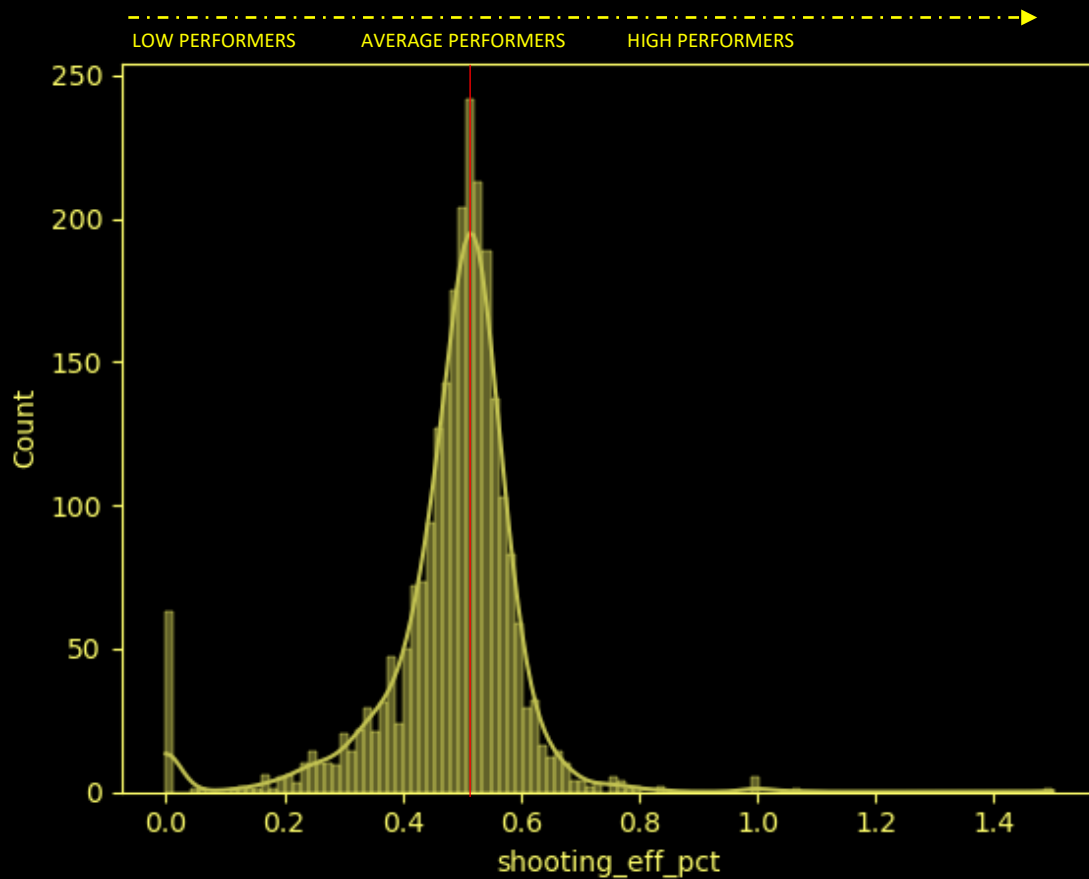
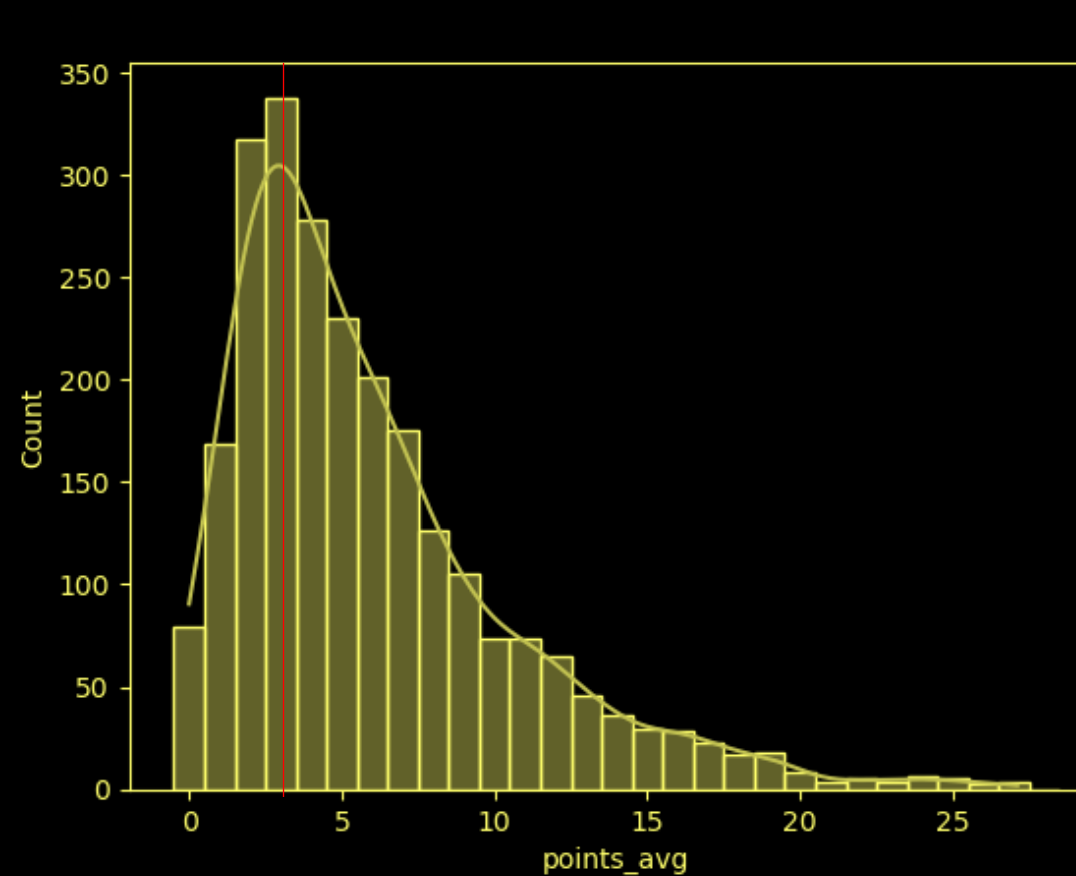
The analysis was made with the aim of exploring **NBA Players** (1996-22) database and finding the best **Croatian players** in selected time period!

Source: [www.kaggle.com](https://www.kaggle.com)

# The very first challenges!

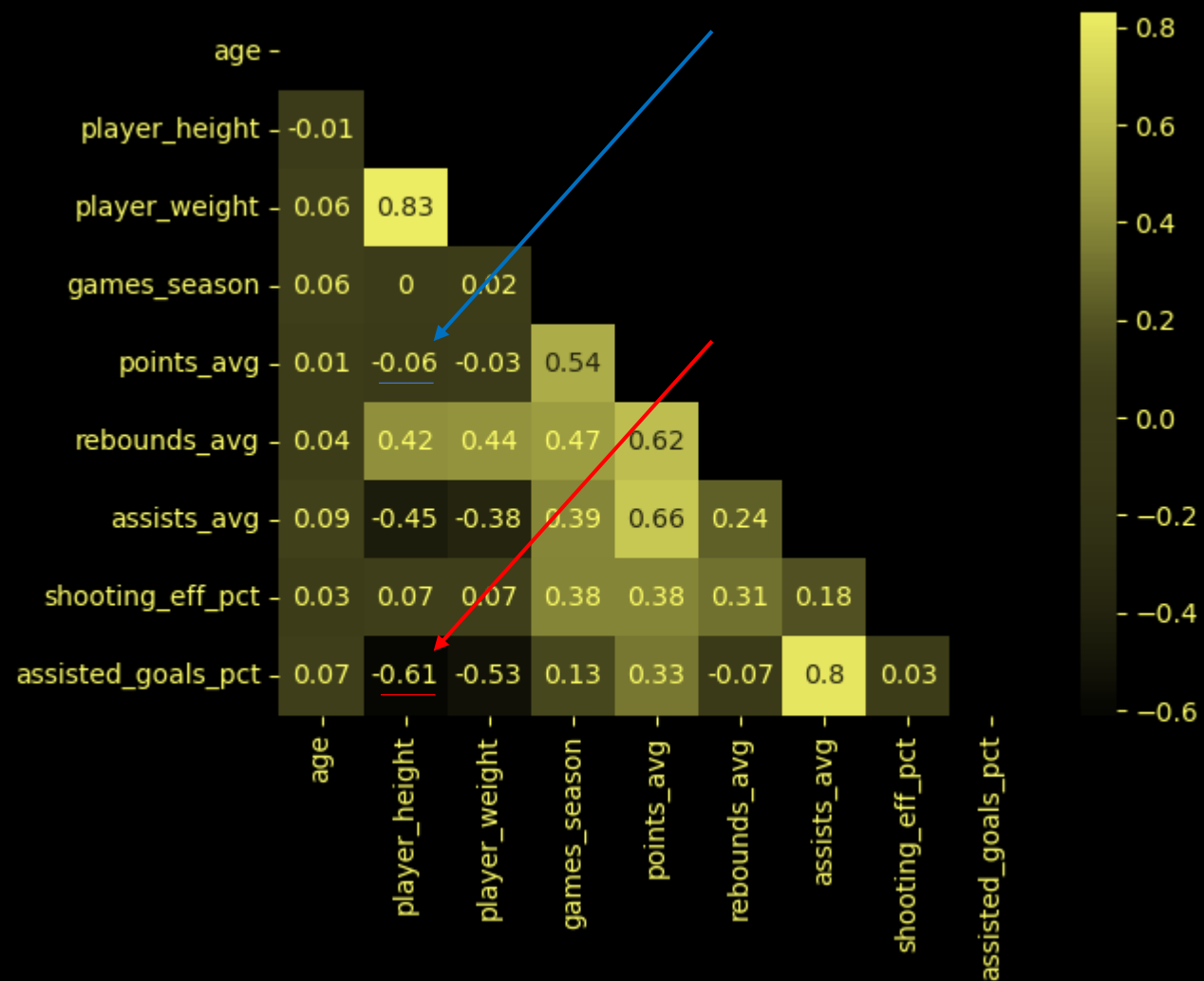
- Club names throughout history  
(NBA has 30 clubs, while the database has more)
- Meet the Metrics:
  - Avg number of points scored (**points\_avg**)
  - Avg number of rebounds (when a player gains possession of the ball after any missed shot ) grabbed (**rebounds\_avg**)
  - Avg number of assists distributed (**assists\_avg**)
  - Measure of the player's shooting efficiency that takes into account free throws, 2 and 3 point shots (**shooting\_eff\_pct**)
  - Pct of teammate field goals the player assisted while he was on the floor (**assisted\_goals\_pct**)



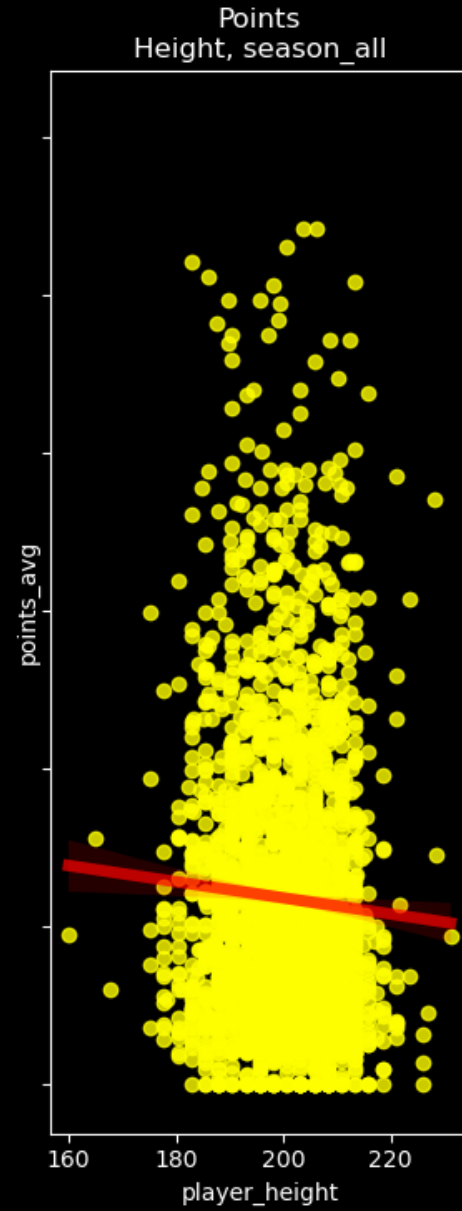
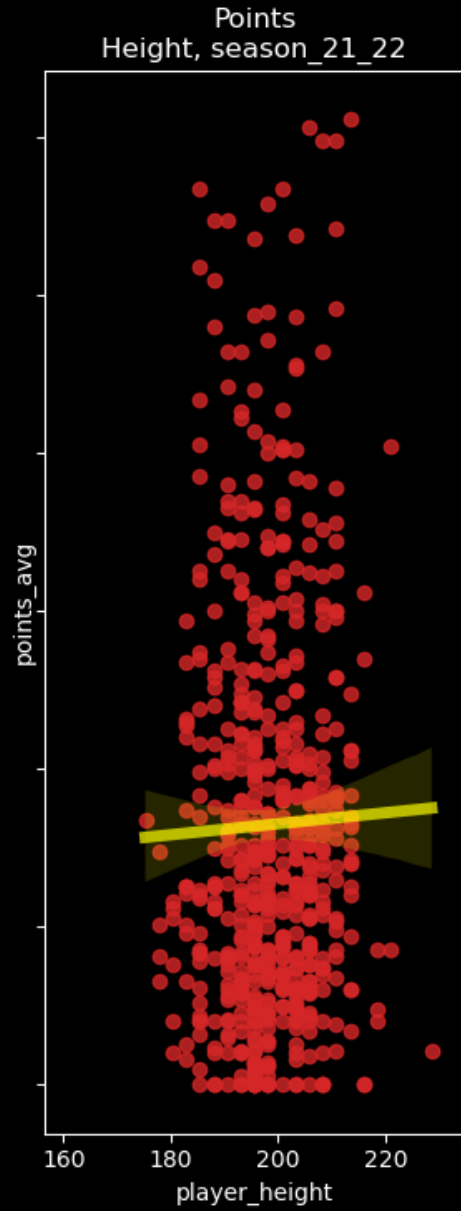
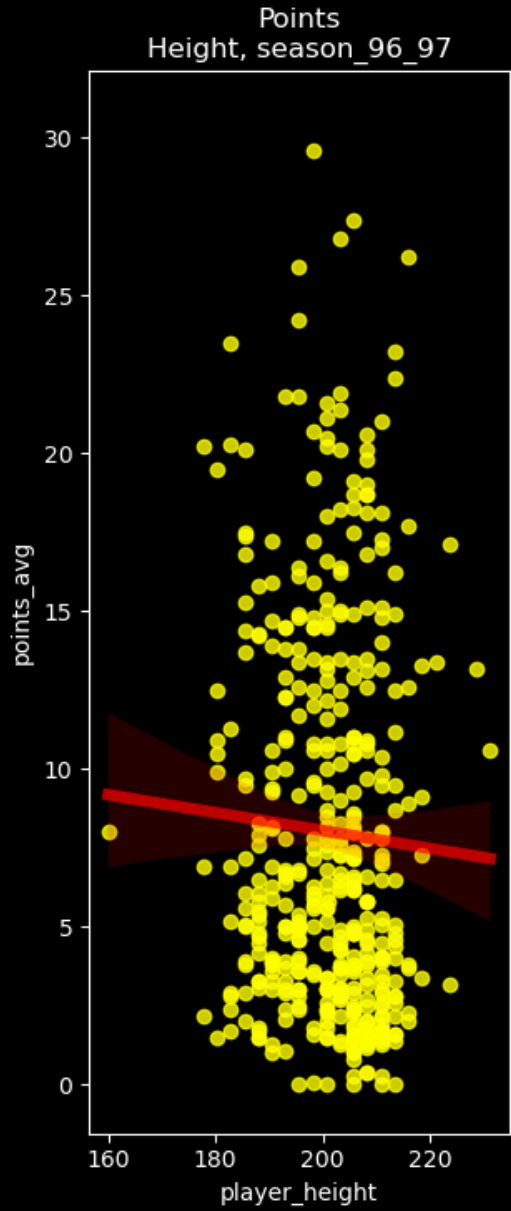


Distribution **points\_avg** vs **rebounds\_avg**  
- all NBA players

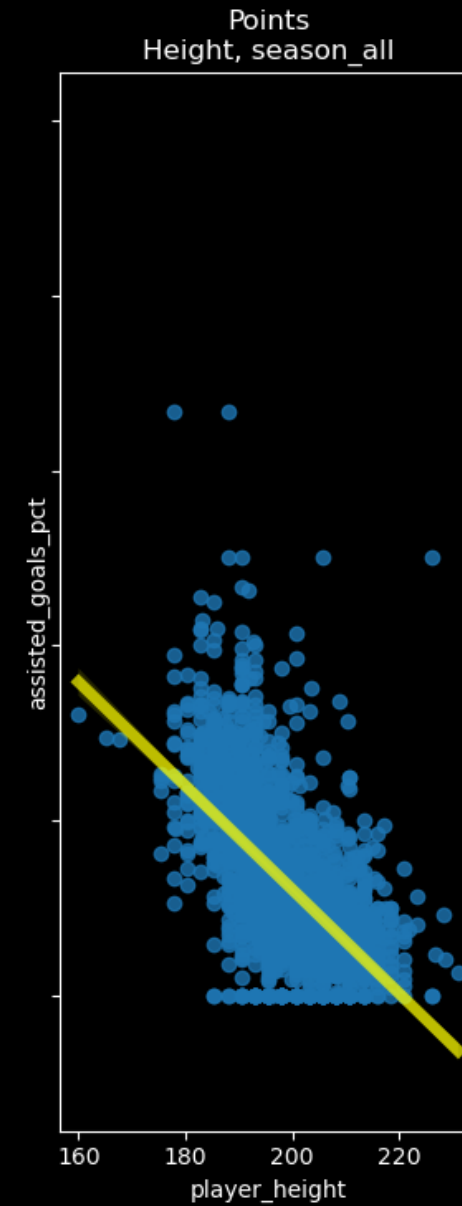
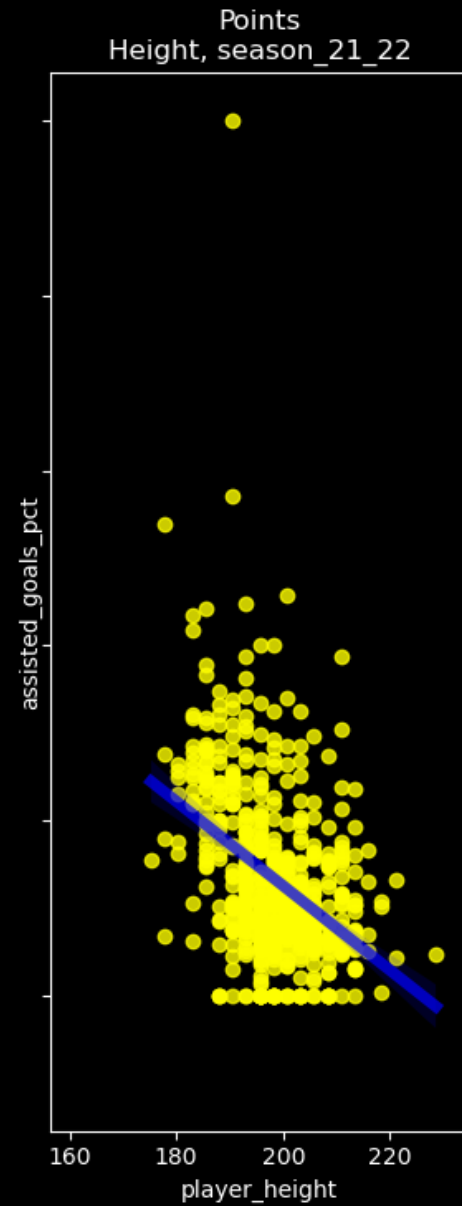
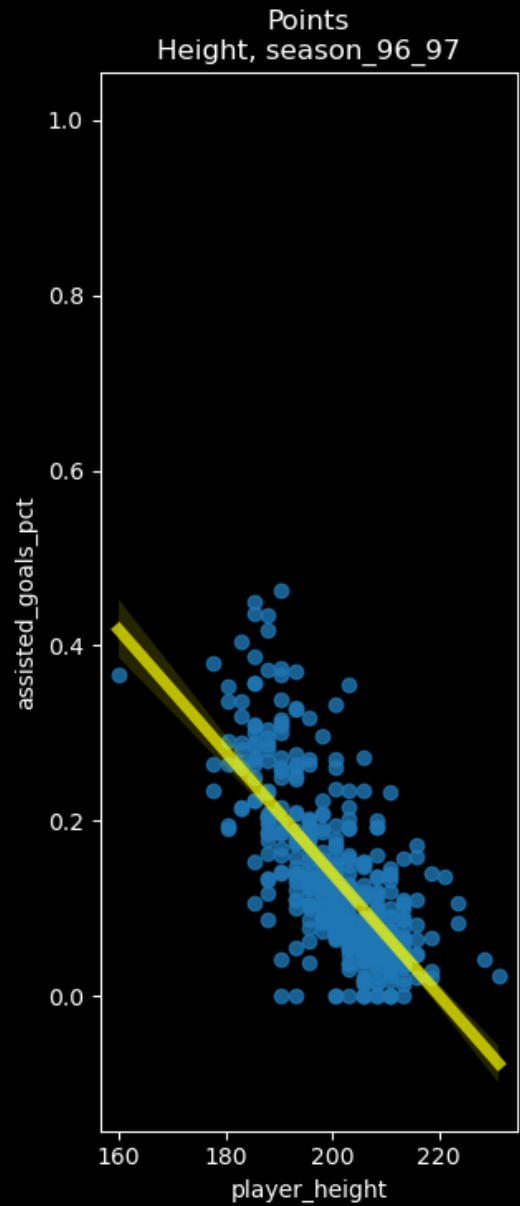




# Correlation

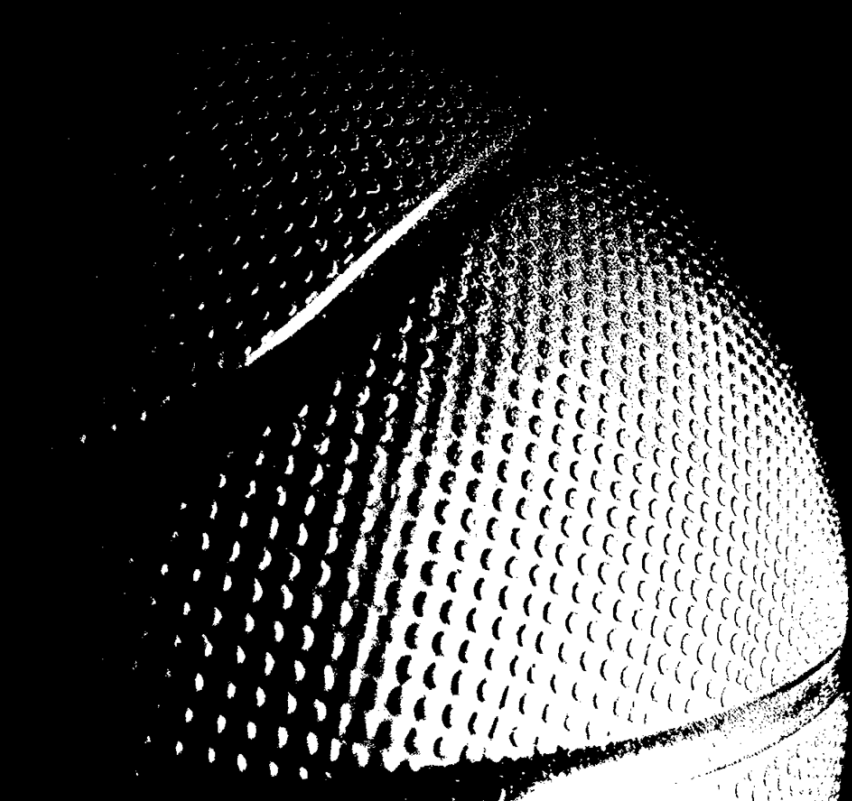


Regplot player\_height |  
points\_avg

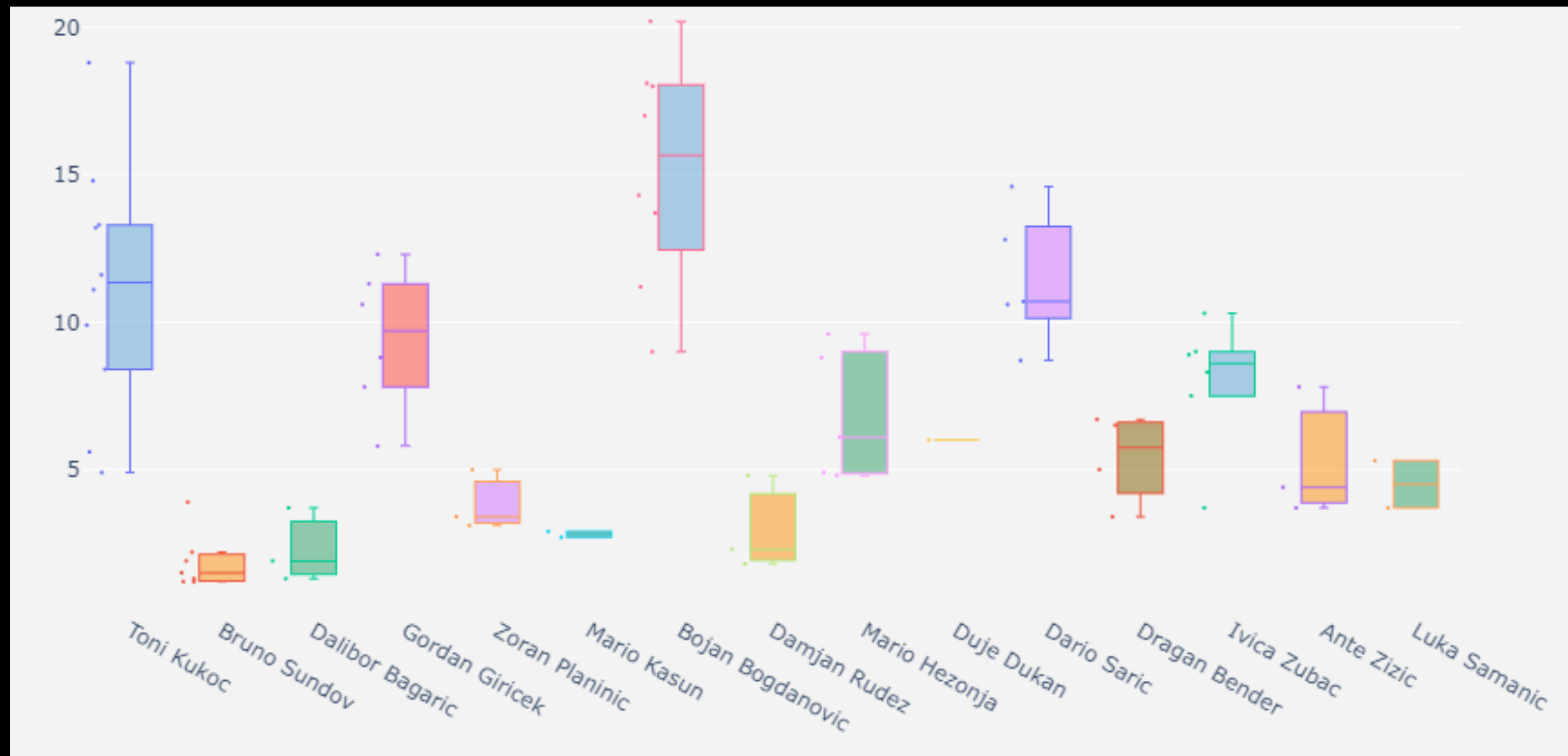


Regplot player\_height |  
assisted\_goals\_pct

Check out all the Croatian players  
with Box plots!



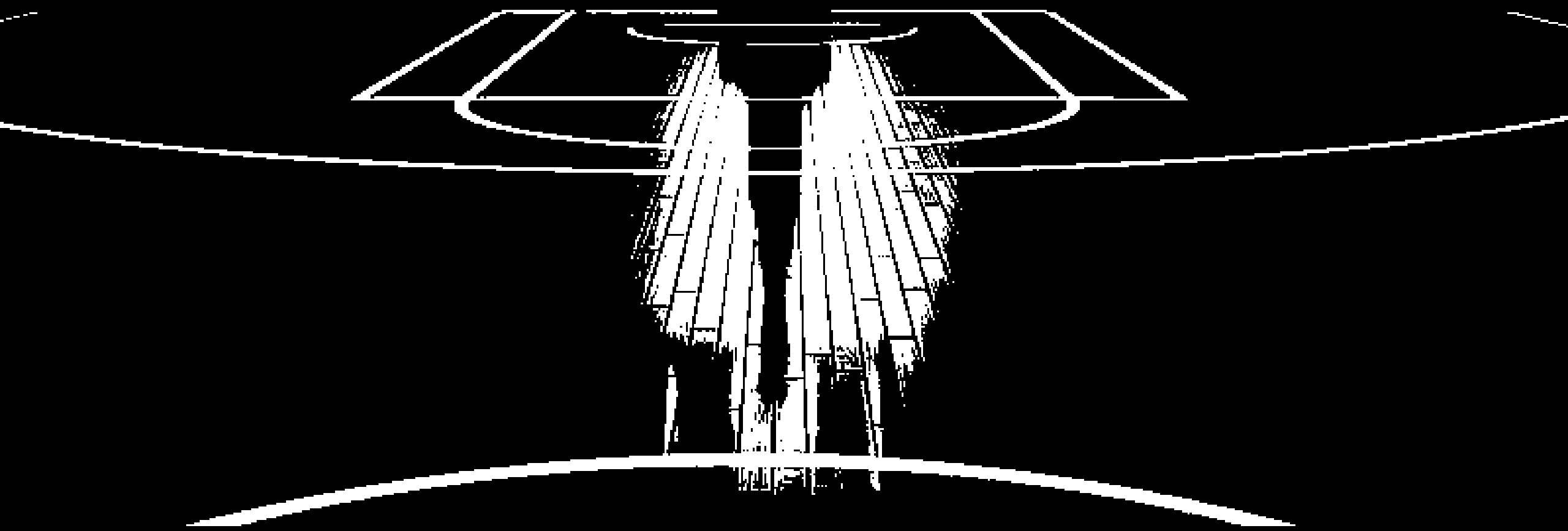
# Average Points Scored by Croatian NBA Players





# Complex Spider/Radar plots!

(with different scales for each variable)



rebounds\_avg

6.0

5.2

4.4

3.6

2.8

2.2

1.6

1.0

0.4

0.0

assists\_avg

3.4

2.8

2.2

1.6

1.0

0.4

0.0

points\_avg

13.8

11.6

9.4

7.2

5.0

2.8

0.6

0.0

shooting\_eff\_pct

0.8

0.71

0.62

0.53

0.44

0.35

0.26

0.17

0.08

0.0

assisted\_goals\_pct

0.25

0.2

0.15

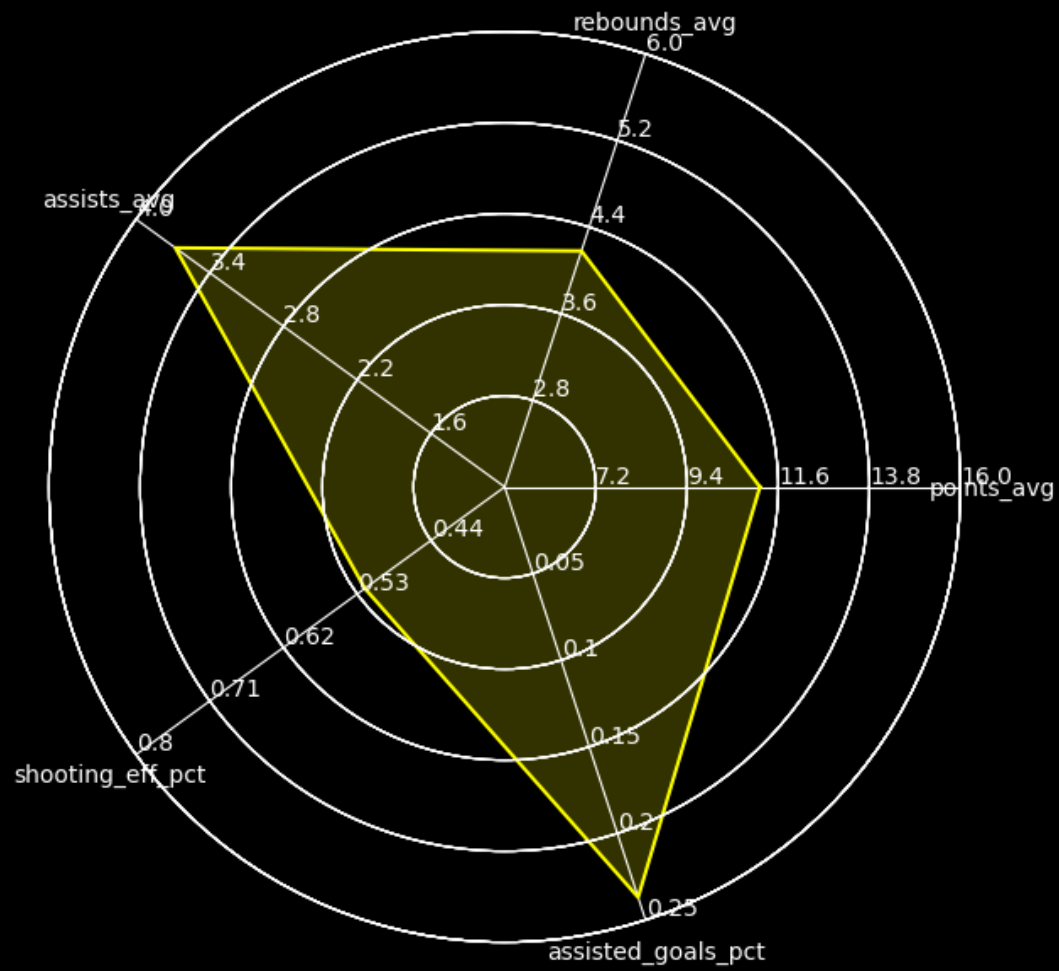
0.1

0.05

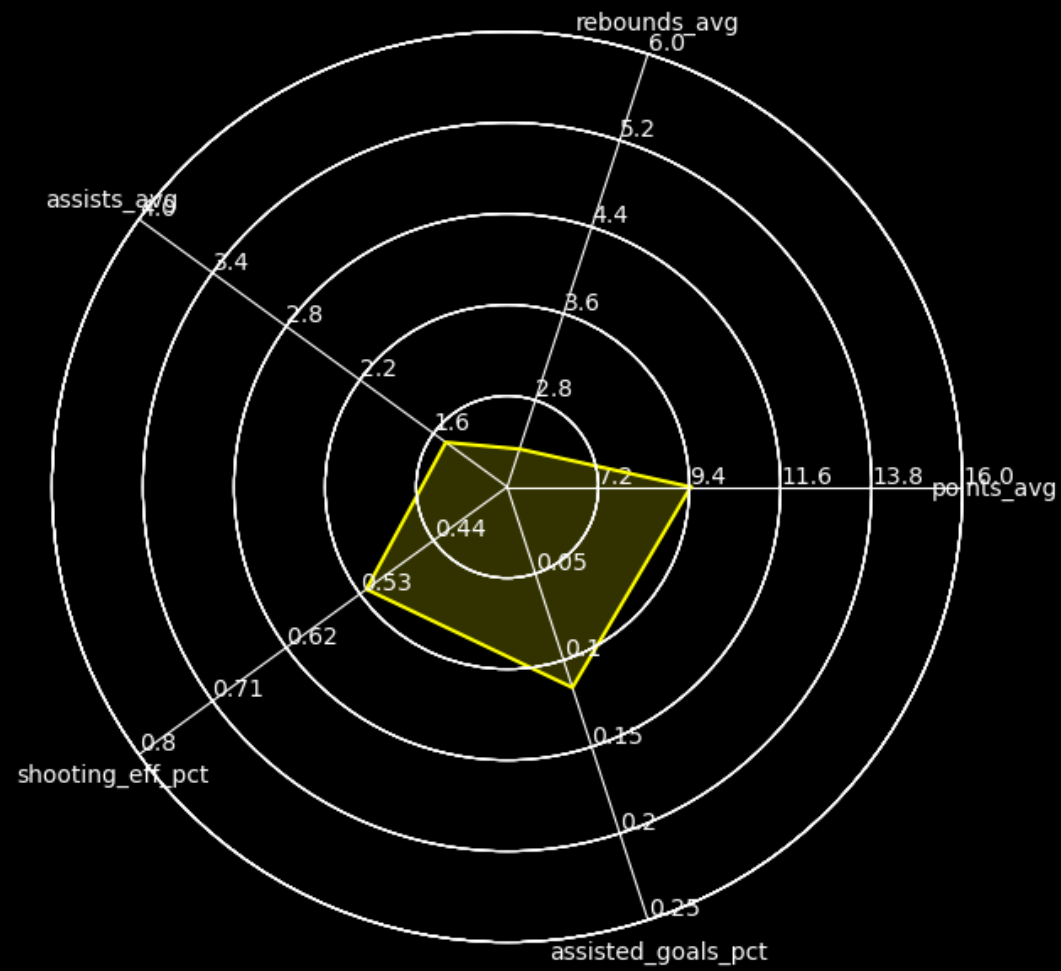
0.0

Metric	reign
points_avg	11.6
rebounds_avg	5.2
assists_avg	2.2
shooting_eff_pct	0.62
assisted_goals_pct	0.1

Toni Kukoc



Gordan Giricek

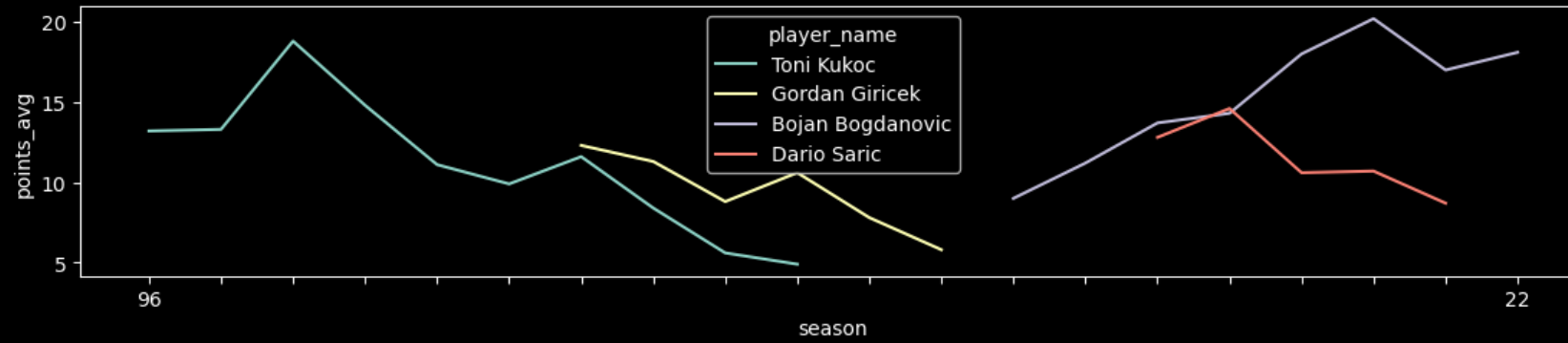




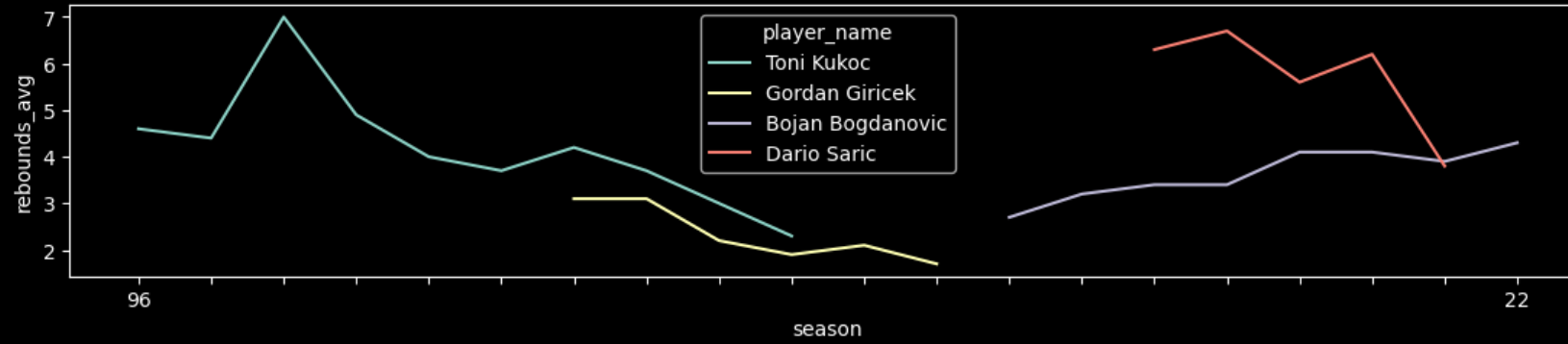
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Visualization of individual performances  
through out a career in the NBA

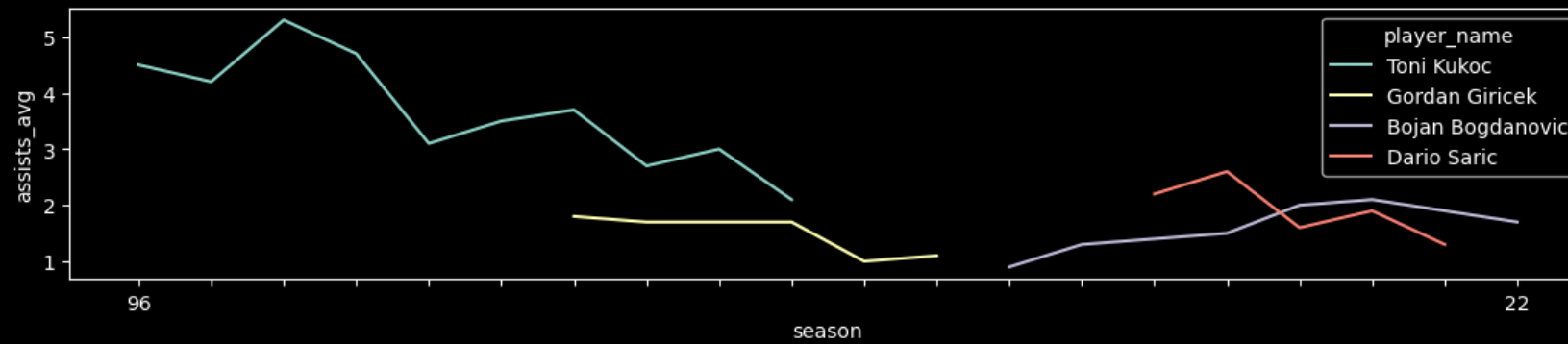
points\_avg: all seasons

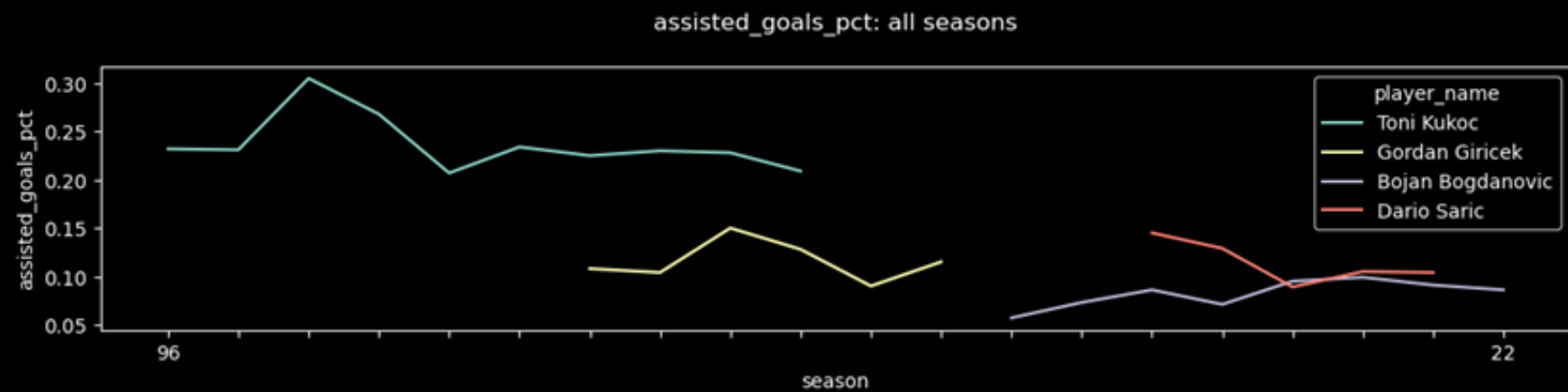
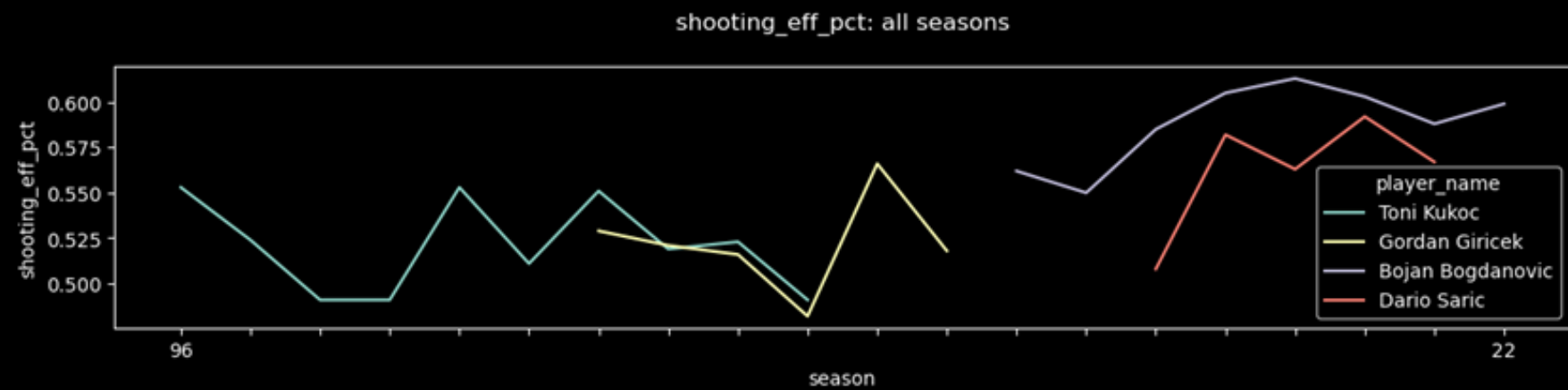


rebounds\_avg: all seasons



assists\_avg: all seasons





# Thanks for your attention!

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