Name: Ayo Obayomi   **Date:** 10/28/2021

Lab section: Thursday

Show your work!!!

Acquire

Week: 30

Date: July 22   Year: **2019**   Data: Arsenal FC's 2018/19 season

Source Article/Visualization:

https://www.premierleague.com/stats/top/players/goals

https://www.makeovermonday.co.uk/data/data-sets-2018/

Represent

# ↕	Player ↕	Age ↕	Nat.	In squad ↕	⚏ ↕	⚽ ↕	🕐 ↓
19	Bernd Leno ⊕ Goalkeeper	26	🇩🇪	38	32	-	2.835'
14	Pierre-Emerick Aubameyang Centre-Forward	29	🇬🇦🇫🇷	36	36	22	2.731'
20	Shkodran Mustafi Centre-Back	26	🇩🇪🇦🇱	35	31	2	2.615'
9	Alexandre Lacazette Centre-Forward	27	🇫🇷	37	35	13	2.502'
34	Granit Xhaka Defensive Midfield	25	🇨🇭	31	29	4	2.501'
11	Lucas Torreira Defensive Midfield	22	🇺🇾🇪🇸	34	34	2	2.376'
5	Sokratis Centre-Back	30	🇬🇷	28	25	1	2.199'
29	Mattéo Guendouzi Central Midfield	19	🇫🇷🇲🇦	37	33	-	2.141'
17	Alex Iwobi Left Winger	22	🇳🇬🏴󠁧󠁢󠁥󠁮󠁧󠁿	36	35	3	1.968'
31	Sead Kolasinac Left-Back	25	🇧🇦🇩🇪	29	24	-	1.890'
18	Nacho Monreal . Left-Back	32	🇪🇸	26	22	1	1.861'
10	Mesut Özil Attacking Midfield	29	🇩🇪	27	24	5	1.741'
7	Henrikh Mkhitaryan Attacking Midfield	29	🇦🇲	28	25	6	1.642'
2	Héctor Bellerín ⊕ Right-Back	23	🇪🇸	19	19	-	1.533'
6	Laurent Koscielny Centre-Back	32	🇫🇷🇵🇱	19	17	3	1.328'
8	Aaron Ramsey Central Midfield	27	🏴󠁧󠁢󠁷󠁬󠁳󠁿	31	28	4	1.325'
15	Ainsley Maitland-Niles Right Midfield	20	🏴󠁧󠁢󠁥󠁮󠁧󠁿	23	16	1	985'
12	Stephan Lichtsteiner Right-Back	34	🇨🇭	27	14	-	939'

Critique

I like the visualization that is above because it goes in-depth about the player's performance throughout the season of 2018/2019. It always shows the number of their jersey which is amazing as well as their pictures. What I dislike about are the flags. Not everyone can identify some of the flags above because they didn't know that the player was from there and they have never seen it before. Another time I dislike it is the icon that has the pitch with an arrow beside it. I am quite confused about what it might

mean. I plan to use the same data graph/ table with the main focus of how the season went for Arsenal in terms of how many goals, clearances they had from defense, and each appearance for the players.

The data that I provided in the Represent stage falls in the table category for visualization. One of its characteristics is Detail AND overview which allows the audience to focus on the content that describes an individual item. In this case, it is describing each individual Arsenal Player to see how they performed for the season of 2018/2019. Whereas there is also convergent thinking. Convergent thinking is the duty of the person that is refining the data visualization to have in mind that he/she must think critically about how to reduce the complexity of how to read the table set.

Mine

1. **Which Arsenal player scored the most goals for the 2018/2019 season?**
2. **Why do some players have two countries listed in the first visualization?**

Filter

Show (display, list, make it visible) the filtered data.

Metric	Nationality	Players	Stat
Appearances			
Clearances			
Goals			

Stakeholders

- Who is your audience? Arsenal Fans

- What assumptions did you make? Two players were injured during the season. It would have helped a lot if there was a separate category called injured and also what type of injured and for how long would they be out for.

- What visualization tool/software did you use? Tableau

Refine (Makeover – Portrait View)

Use an additional page if necessary. Remember, the purpose of visualization is *"insight."* Take and include a screenshot of your visualization and include it below. Use Data Visualization Best Practices (see data visualization checklist).

Figure Caption. <Refined Roster for the 2018/ 2019 Season for Arsenal FC>.
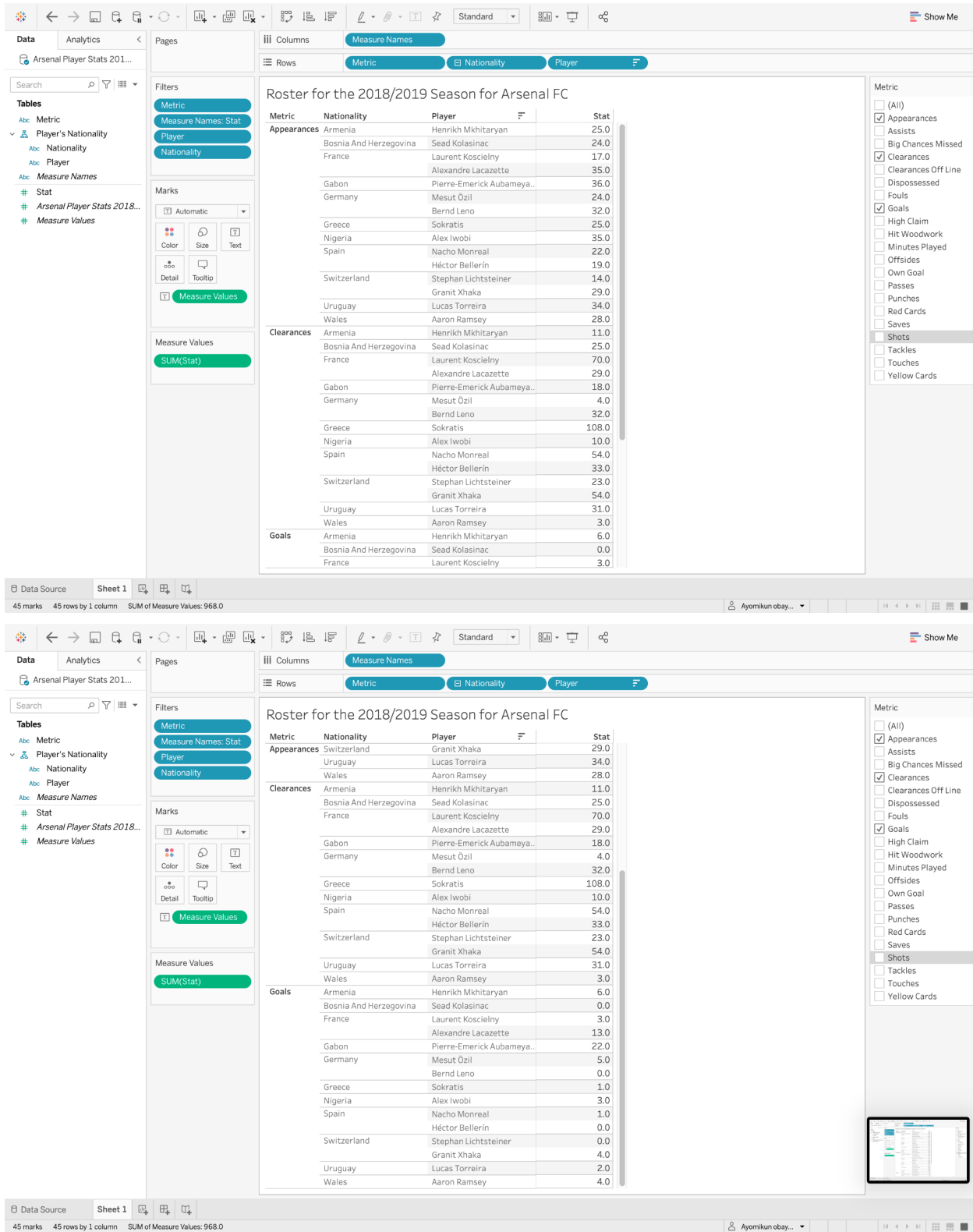
CGT 270 Data Visualization
Makeover Monday #2 (2019 Dataset)

Resources
Data Visualization Checklist:
http://stephanieevergreen.com/wp-content/uploads/2016/10/DataVizChecklist_May2016.pdf

How to give constructive criticism:
https://personalexcellence.co/blog/constructive-criticism/

Sample Makeovers
https://www.makeovermonday.co.uk/gallery/

Grading Rubric

Excellent (21-25 pts)	Good (10-20 pts)	Fair (5 – 9 pts)	Needs Improvement (0 – 4 pts)
Meets **ALL** or most of these: Makeover is esthetically pleasing (color, perception), best practices followed (insightful), Correct dataset downloaded; provided an interesting point of view of the data; critiqued previous makeover, critique is constructive (indicates one thing that is done well, and one thing that could be done differently, what will be done to improve the visualization), assumptions (more than one) are listed.	Meets **MOST** of these: Makeover is esthetically pleasing (color, perception), best practices followed (insightful), Correct dataset downloaded; provided an interesting point of view of the data; critiqued previous makeover, critique is constructive (indicates one thing that is done well, and one thing that could be done differently, what will be done to improve the visualization), assumptions (more than one) are listed.	Consistently meets **SOME** of these: Makeover is esthetically pleasing (color, perception), best practices followed (insightful), Correct dataset downloaded; provided an interesting point of view of the data; critiqued previous makeover, critique is constructive (indicates one thing that is done well, and one thing that could be done differently, what will be done to improve the visualization), assumptions (more than one) are listed.	Little to no evidence of the understanding of the data visualization process. Lackluster makeover or no makeover. Little effort.