**Student Choice Excel Project**

**For this assignment you will check in twice for progress.**

**Check in Day 1;** On this check in day your research should be very close to if not completely finished with the Chart/Excel section of your project:

**Check in Day 2;** On this day you should be starting/working on the Writing part of your assignment:

**DUE:**

**10% off each day late.**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Excellent 10 pts** | | **Good** **8 pts** | | **Fair** **5 pts** | | **Poor** **1 pts** |
| **Attractiveness & Organization** | The Data (Graphs and Charts) are well organized and neat. The organization is easy to read. | | The Data (Graphs and Charts) are mostly organized. All the criteria are there but the chart lacks a consistent flow. | | The Data (Graphs and Charts) lacks organization and looks messy and disorganized.  Almost none of the criteria are identifiable. | | The assignment is Incomplete. |
| **Charts** | There are Charts/Graphs for Every Statistic asked for | | There are Charts/Graphs for at least 8 of the statistics. | | There are Charts/Graphs for half of the stats. | | There are no Charts/Graphs |
| **Graph Criteria**  **Based on your choice of** | Students fulfilled all of the graph criteria | | Students fulfilled at least 8 of the criteria | | Students fulfilled half of the criteria. | | Students fulfilled less than half of the criteria. |
|  | **Excellent**  **25 PTS** | | **Good**  **20 PTS** | | **Fair**  **18 PTS** | | **Poor**  **12** |
| **Essay** | 4 full paragraph with 5-7 complete sentences. All paragraphs follow instructions from the section of the project they chose. Strong use of statistics, not opinion based. | | Complete sentences, but *less than* the 4 paragraphs.  Introduction of the project is adequate however; comparison between the statistics is weak. | | Incomplete sentences, poorly organized, *only 1-2* paragraphs.  The essay is based solely on opinion with little statistical information. | | Incomplete/ No Essay. |
| **TOTAL**  A  **55-49** | B  48-44 | C  43-38 | | D  37-33 | | F  >32 | /55 |

**Music:**

* Choose 2 musical artists from the same genre(type) and find these stats on them using the websites provided.
* Please create charts for each of the statistics as well.
* You will chart the information for **Each One** of their albums (minimum 5 per artist). The artists that you choose have to have been around for more than 5 years.
* At the end, you will write a 4 paragraph essay in Word about the artist’s careers. Paragraph number one is introducing artist 1. The second paragraph introducing artist number 2. The last 2 should be comparing and contrasting the artist’s successes and failures.
* Look at their first album release and their last album release and tell me if you think they have gotten more or less popular since they started based on the statistics.

Please make sure All of your charts have “Chart Titles” and “Axis Titles.”

1. Name of Artist (Cannot Make chart from this.)
2. Album Name (Cannot Make Chart from this.)
3. Year Released
4. US Sales
5. Amount of Number 1 hits from album.
6. Name of Most Popular Song from that album (cannot make chart from this.)
7. Length of Album
8. Number of songs on album
9. Album Rating

<https://www.discogs.com/>

<https://www.setlist.fm/>

<https://www.allmusic.com/artist/database-mn0002712346>

RESEARCH OTHER WEBSITES IF NEEDED FOR STATISTICS

**Movies**

* Choose 10 movies within the same genre(type) and using the websites provided, record these stats.
* Please create charts for each of the statistics as well.
* You chart the information for **Each One** of the movies.
* At the end, you will write a 4 paragraph essay in Word about the movies you took stats on. The first paragraph will be talking about the genre you chose and why you chose those movies to compare. The next 3 paragraphs should be comparing and contrasting the statistics of each movie; talking about the successes and failures.

Please make sure All of your charts have “Chart Titles” and “Axis Titles.”

Title of the movie

1. Domestic Gross (How much it made in the US)
2. International Gross (How much it made overseas)
3. Worldwide (How much it has made in the world)
4. Release Date (When did it open)
5. Genre Rank (Of all the movies out there how is it ranked)
6. Runtime (How long is the movie)
7. Production Budget (How much did it cost to Make the movie)
8. Widest Release (How many theaters showed this movie)
9. Average Daily Gross for 1 week (How much money did it make in one week)

<http://www.boxofficemojo.com/>

RESEARCH OTHER WEBSITES IF NEEDED FOR STATISTICS

**NFL CHOICE 1:**

* Choose **ONE TEAM** (that you did NOT do for the NFL Project) and gather the following stats **PER GAME** from the **2017-2018 Seasons ONLY**. (This is not a typo)
* Please create charts for each of the statistics as well.
* At the end, you will write a 4 paragraph essay in Word about the team’s stats. The first paragraph introduces me to the team: Where they are from, what league or division they play for, when they started playing and their starting line up. The next 2 should be talking about what *went well* during their season and what *went wrong* during the season. The final paragraph should be comparing these 2 seasons to the 2019 season and seeing if, based off of the stats for 2017 and 2018 they could have predicted the 2019 season.
  + If you want to expand it to another paragraph you can tell me how you believe they can or should change their team in order to perform better.

Please make sure All of your charts have “Chart Titles” and “Axis Titles.”

1. Statistics to be recorded:
2. Points (PTS)
3. Yards (YDS)
4. Passing Yards (PASS YDS)
5. Rushing Yards (Rush YDS)
6. Field Goals
7. Touchdowns
8. Turnovers
9. First Downs
10. Wins
11. Losses

<https://www.pro-football-reference.com/years/2016/index.htm>

<http://www.nfl.com/stats/team>

<http://www.espn.com/nfl/statistics/team/_/stat/total>

RESEARCH OTHER WEBSITES IF NEEDED FOR STATISTICS

**NFL Choice 2:** <http://www.espn.com/nfl/statistics>

* Choose **5 players of the same position** from **5 different teams** gather the following stats **PER GAME** from the **2019 SEASON ONLY**.
* Please create charts for each of the statistics as well.
* At the end, you will write a 4 paragraph essay in Word about the players. The first paragraph introduces me to the position of your players and what it does. The next 2 should be comparing and contrasting the 3 players you chose and how well or poorly they did. The final paragraph should predictions on how well you believe they are doing or will do in the 2020 season based off of the statistics you have.

Please make sure All of your charts have “Chart Titles” and “Axis Titles.”

**QUARTERBACK**

1. CMP**:** Completions
2. ATT: Attempts
3. YDS: Passing Yards
4. CMP%: Completion Percentage
5. AVG: Yards Per Pass Attempt
6. PASSING LNG: Longest Pass
7. TD: Passing Touchdowns
8. INT: Interceptions Thrown
9. QBR: Total Quarterback Rating
10. Wins
11. Losses

**RUNNING BACK:**

1. ATT: Rushing Attempts
2. YDS: Total Rushing Yards
3. AVG: Yards Per Carry
4. LNG: Longest Run
5. TD: Rushing Touchdowns
6. REC: Total Receptions
7. YDS: Total Receiving Yards
8. RECEIVING TD: Receiving Touchdowns
9. FUN: Fumbles
10. LST: Fumbles Lost
11. Wins
12. Losses

**WIDE RECEIVER**

1. REC: Total Receptions
2. TGTS: Receiving Targets
3. YDS: Total Receiving Yards
4. AVG: Receiving Yards Per Reception
5. LNG: Longest Reception
6. TD: Receiving Touchdowns
7. AVG: Yards Per Carry
8. LNG: Longest Run
9. TD: Rushing Touchdowns
10. FUM: Fumbles
11. LST: Fumbles Lost
12. Wins
13. Losses

**TIGHT ENDS**

1. REC
2. TGTS
3. YDS
4. AVG
5. LNG
6. TD
7. AVG
8. LNG
9. TD
10. FUM
11. LST
12. Wins
13. Losses

**KICKERS**

1. 1-19
2. 20-29
3. 30-39
4. 40-49
5. 50+
6. TOT PCT
7. AVG
8. LNG
9. XPM
10. XPA
11. PTS
12. Wins
13. Losses

**PUNTERS**

1. PUNTS
2. AVG
3. LNG
4. YDS
5. TB
6. TB%
7. IN20
8. IN20%
9. ATT
10. YDS
11. AVG
12. NET
13. Wins
14. Losses

**DEFENSIVE BACKS**

1. COMB
2. TOTAL
3. AST
4. SACK
5. STF
6. STFYDS
7. FF
8. KB
9. INT
10. YDS
11. TD
12. PD
13. Wins
14. Losses

**LINEBACKERS**

1. COMB
2. TOTAL
3. AST
4. SACK
5. STF
6. STFYDS
7. INT
8. YDS
9. AVG
10. LNG
11. TD
12. PD
13. Wins
14. Losses

**DEFENSIVE LINEMEN**

1. COMB
2. TOTAL
3. AST
4. SACK
5. STF
6. STFYDS
7. FF
8. KB
9. INT
10. YDS
11. AVG
12. LNG
13. TD
14. PD
15. Wins
16. Losses

**NBA & WNBA CHOICE 2:**

* Choose **ONE TEAM** and gather the following stats **PER GAME** from the **2019 Season ONLY**.
* Please create charts for each of the statistics as well.
* At the end, you will write a 4 paragraph essay in Word about the team’s stats. The first paragraph introduces me to the team: Where they are from, what league or division they play for, when they started playing and their starting line up. The next 2 should be talking about what went well during their season and what went wrong during the season. The final paragraph should be predictions on how well you believe they are doing or will do in the 2020 season based off of the statistics you have from 2019.
  + If you want to expand it to another paragraph you can tell me how you believe they can or should change their line-up to make a successful year happen.

Please make sure All of your charts have “Chart Titles” and “Axis Titles.”

1. Points Per Game
2. Rebounds Per Game
3. Assists Per Game
4. Blocks Per Game
5. Steals Per Game
6. Three Pointers Made
7. Three Point Percentage
8. Free Throw Percentage
9. Wins
10. Losses

<https://stats.nba.com/teams/>

RESEARCH OTHER WEBSITES IF NEEDED FOR STATISTICS

**NBA & WNBA Choice 2:**

* Choose **3 players of the same position** from **3 different teams** gather the following stats **PER GAME** from the **2019 SEASON ONLY**.
* Please create charts for each of the statistics as well.
* At the end, you will write a 4 paragraph essay in Word about the players. The first paragraph introduces me to the position of your players and what it does. The next 2 should be comparing and contrasting the 3 players you chose and how well or poorly they did. The final paragraph should predictions on how well you believe they are doing or will do in the 2020 season based off of the statistics you have.

Please make sure All of your charts have “Chart Titles” and “Axis Titles.”

1. **GP:** Games played
2. **GS:** Games started
3. **MIN:** Minutes per game
4. **PPG:** Points per game
5. **OFFR:** Offensive Rebounds per game
6. **DEFR:** Defensive Rebounds per game
7. **RPG:** Rebounds per game
8. **APG:** Assists per game
9. **SPG:** Steals per game
10. **FTM:** Free Throws Made per game
11. **BPG:** Blocks per game
12. **TPG:** Turnovers per game
13. **FPG:** Fouls per game
14. **PER:** Player efficiency rating
15. **Wins**
16. **Losses**

<http://www.espn.com/nba/teams>

RESEARCH OTHER WEBSITES IF NEEDED FOR STATISTICS

**MLB CHOICE 1:**

* Choose **ONE TEAM** and gather the following stats **ONLY GET STATS FROM THE** **2019 SEASON REGULAR SEASON ONLY**
* Please create charts for each of the statistics as well.
* At the end, you will write a 4 paragraph essay in Word about the team’s stats. The first paragraph introduces me to the team: Where they are from, what league they play for, when they started playing and their starting line up. The next 2 should be talking about what went well during their season and what went wrong during the season. The final paragraph should be predictions on how well you believe they are doing or will do in the 2020 season based off of the statistics you have from 2019. If you want to expand it to another paragraph you can tell me how you believe they can or should change their line-up to make a successful year happen.

Please make sure All of your charts have “Chart Titles” and “Axis Titles.”

1. **R/G** -- Runs Scored Per Game
2. **AB** -- At Bats
3. **R** -- Runs Scored/Allowed
4. **H** -- Hits/Hits Allowed
5. **HR** -- Home Runs Hit/Allowed
6. **RBI** -- Runs Batted In
7. **SB** -- Stolen Bases
8. **SO** -- Strikeouts
9. **LOB** -- Runners Left On Base

<https://www.baseball-reference.com/leagues/MLB/2016.shtml>

<http://www.espn.com/mlb/stats/team/_/stat/batting/year/2016>

RESEARCH OTHER WEBSITES IF NEEDED FOR STATISTICS

**MLB CHOICE 2**

* Choose **3 players of the same position** from **3 different teams** gather the following stats **PER GAME** from the **2019 SEASON ONLY**.
* Please create charts for each of the statistics as well.
* At the end, you will write a 4 paragraph essay in Word about the players. The first paragraph introduces me to the position of your players and what it does. The next 2 should be comparing and contrasting the 3 players you chose and how well or poorly they did. The final paragraph should predictions on how well you believe they are doing or will do in the 2020 season based off of the statistics you have.

Please make sure All of your charts have “Chart Titles” and “Axis Titles.”

1. **#Bat** -- Number of Players used in Games
2. **R/G** -- Runs Scored Per Game
3. **AB** -- At Bats
4. **R** -- Runs Scored/Allowed
5. **H** -- Hits/Hits Allowed
6. **HR** -- Home Runs Hit/Allowed
7. **RBI** -- Runs Batted In
8. **CS** -- Caught Stealing
9. **BB** -- Bases on Balls/Walks
10. **SO** – Strikeouts

<https://www.baseball-reference.com/leagues/MLB/2016.shtml>

<http://www.espn.com/mlb/stats/team/_/stat/batting/year/2016>

RESEARCH OTHER WEBSITES IF NEEDED FOR STATISTICS

**NHL:**

* Choose **ONE TEAM** and gather the following stats **PER GAME** from the **2019 Season ONLY**.
* Please create charts for each of the statistics as well.
* At the end, you will write a 4 paragraph essay in Word about the team’s stats. The first paragraph introduces me to the team: Where they are from, what league or division they play for, when they started playing and their starting line up. The next 2 should be talking about what went well during their season and what went wrong during the season. The final paragraph should be predictions on how well you believe they are doing or will do in the 2020 season based off of the statistics you have from 2019.
  + If you want to expand it to another paragraph you can tell me how you believe they can or should change their line-up to make a successful year happen.

Please make sure All of your charts have “Chart Titles” and “Axis Titles.”

1. P: Points
2. GF: Goals For
3. GA: Goals Against
4. S/O Wins: Shootout Games Won
5. PP%: Power Play Percentage
6. PK%: Penalty Kill Percentage
7. FOW%: Faceoff Win Percentage
8. T: Ties
9. OT: Overtime Losses
10. ROW: Reg Plus Overtime Wins
11. W: Wins
12. L: Losses

<http://www.nhl.com/stats/team?aggregate=0&gameType=2&report=teamsummary&reportType=season&seasonFrom=20172018&seasonTo=20172018&filter=gamesPlayed,gte,1&sort>

<http://www.espn.com/nhl/teams>

RESEARCH OTHER WEBSITES IF NEEDED FOR STATISTICS