

# Fantasy Flock Network ADP

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```
FFN_ADP <- read_csv("FFN Mock Draft ADP Data.csv")
```

```
## Parsed with column specification:
## cols(
##   Player = col_character(),
##   Position = col_character(),
##   Pick = col_double(),
##   Draft = col_character(),
##   Type = col_character()
## )
```

```
head(FFN_ADP)
```

```
## # A tibble: 6 x 5
##   Player      Position  Pick Draft      Type
##   <chr>      <chr>    <dbl> <chr>    <chr>
## 1 Mahomes    QB          1 1/12/21 Dynasty No Rookies
## 2 Herbert    QB          2 1/12/21 Dynasty No Rookies
## 3 McCaffrey  RB          3 1/12/21 Dynasty No Rookies
## 4 Kamara     RB          4 1/12/21 Dynasty No Rookies
## 5 Murray     QB          5 1/12/21 Dynasty No Rookies
## 6 Cook       RB          6 1/12/21 Dynasty No Rookies
```

```
## Groups the Players with their position and removes meme players from the data.
```

```
FFN_ADP_group <- FFN_ADP %>%
  group_by(Player, Position) %>%
  filter(Player != "Vick" & Player != "Hernandez" & Player != "Lynch" & Player != "Gates" & Player != "Lynch")
```

```
## Creates Data subsets by type of draft.
```

```
Dynasty_Data<-filter(FFN_ADP, Type!="Redraft With Rookies")
FFN_DWR_ADP<-filter(FFN_ADP_group, Type=="Dynasty With Rookies")
FFN_DNR_ADP<-filter(FFN_ADP_group, Type=="Dynasty No Rookies")
FFN_RWR_ADP<-filter(FFN_ADP_group, Type=="Redraft With Rookies")
DD_by_rd <- Dynasty_Data %>%
  mutate(Round = (ceiling(Pick / 12)))
```

```
## Creates and downloads Dynasty With Rookies ADP Data.
```

```
FFN_DWR_ADP %>%  
  summarize(ADP = mean(Pick)) %>%  
  arrange(ADP)
```

```
## 'summarise()' regrouping output by 'Player' (override with '.groups' argument)
```

```
## # A tibble: 189 x 3  
## # Groups:   Player [184]  
##   Player      Position    ADP  
##   <chr>      <chr>    <dbl>  
## 1 Mahomes    QB          1  
## 2 McCaffrey  RB          2  
## 3 Barkley    RB         3.67  
## 4 Murray     QB         5.33  
## 5 Taylor     RB         5.67  
## 6 Cook       RB          7  
## 7 Kamara     RB         7.33  
## 8 Swift      RB         8.67  
## 9 Jackson    QB         9.33  
## 10 Allen     QB         9.67  
## # ... with 179 more rows
```

```
# write.csv(FFN_DWR_ADP, file="FFN Dynasty With Rookies ADP.csv",  
# row.names=TRUE)
```

```
## Creates and downloads Dynasty No Rookies ADP Data.
```

```
FFN_DNR_ADP %>%  
  summarize(ADP = mean(Pick)) %>%  
  arrange(ADP)
```

```
## 'summarise()' regrouping output by 'Player' (override with '.groups' argument)
```

```
## # A tibble: 204 x 3  
## # Groups:   Player [196]  
##   Player      Position    ADP  
##   <chr>      <chr>    <dbl>  
## 1 Mahomes    QB          1  
## 2 McCaffrey  RB         2.5  
## 3 Barkley    RB          5  
## 4 Murray     QB          5  
## 5 Kamara     RB         5.5  
## 6 Taylor     RB         5.5  
## 7 Allen     QB         6.75  
## 8 Cook       RB          9  
## 9 Swift      RB         9.25  
## 10 Jackson   QB         9.5  
## # ... with 194 more rows
```

```
# write.csv(FFN_DNR_ADP, file="FFN Dynasty No Rookies ADP.csv",
# row.names=TRUE)
```

```
## Creates and downloads Redraft With Rookies ADP Data.
```

```
FFN_RWR_ADP %>%
  summarize(ADP = mean(Pick)) %>%
  arrange(ADP)
```

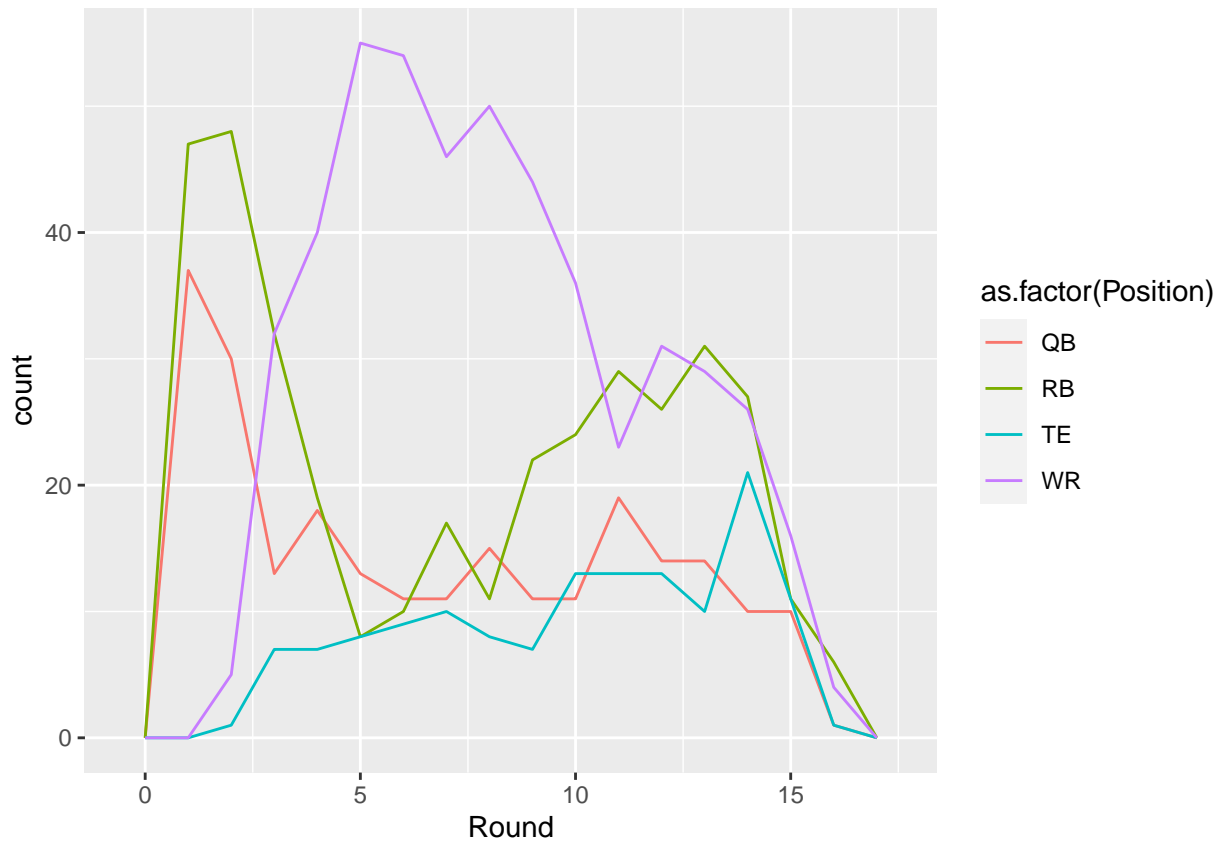
```
## 'summarise()' regrouping output by 'Player' (override with '.groups' argument)
```

```
## # A tibble: 168 x 3
## # Groups:   Player [163]
##   Player      Position    ADP
##   <chr>      <chr>      <dbl>
## 1 McCaffrey   RB           1
## 2 Barkley     RB           2
## 3 Cook        RB           3
## 4 Henry       RB           4
## 5 Kamara      RB           5
## 6 Taylor      RB           6
## 7 Chubb       RB           7
## 8 Swift       RB           8
## 9 Adams       WR           9
## 10 Elliott    RB          10
## # ... with 158 more rows
```

```
# write.csv(FFN_RWR_ADP, file="FFN Redraft With Rookies ADP.csv",
# row.names=TRUE)
```

```
## Shows how many of each position is picked by round.
```

```
ggplot(DD_by_rd)+
  geom_freqpoly(aes(x=Round,color=as.factor(Position)), binwidth = 1)
```



*# Compares two players, could be adapted for any players/amount of players.*

```
FFN_DWR_ADP %>%
  filter(Player == "Jav. Williams" | Player == "Chase") %>%
  summarise(Pick, Draft) %>%
  arrange(Player)
```

## 'summarise()' regrouping output by 'Player', 'Position' (override with '.groups' argument)

```
## # A tibble: 6 x 4
## # Groups:   Player, Position [2]
##   Player      Position Pick Draft
##   <chr>      <chr>    <dbl> <chr>
## 1 Chase      WR          52 2/6/21
## 2 Chase      WR          54 2/14/21
## 3 Chase      WR          55 2/26/21
## 4 Jav. Williams RB          59 2/6/21
## 5 Jav. Williams RB          36 2/14/21
## 6 Jav. Williams RB          53 2/26/21
```

*## Shows every player's minimum and maximum selection point. Currently under construction to fix duplic*

```
Dynasty_Data %>%
  group_by(Player, Position) %>%
  mutate(min=min(Pick), max=max(Pick)) %>%
```

```
summarise(min,max) %>%  
arrange(min)
```

```
## 'summarise()' regrouping output by 'Player', 'Position' (override with '.groups' argument)
```

```
## # A tibble: 1,236 x 4  
## # Groups:   Player, Position [251]  
##   Player Position    min    max  
##   <chr>    <chr>    <dbl> <dbl>  
## 1 Mahomes QB         1      1  
## 2 Mahomes QB         1      1  
## 3 Mahomes QB         1      1  
## 4 Mahomes QB         1      1  
## 5 Mahomes QB         1      1  
## 6 Mahomes QB         1      1  
## 7 Mahomes QB         1      1  
## 8 Barkley RB         2      9  
## 9 Barkley RB         2      9  
## 10 Barkley RB         2      9  
## # ... with 1,226 more rows
```