In [ ]:
```
import numpy as np
import seaborn as sns
import pandas
import matplotlib.pyplot as plt
plt.style.use('ggplot')
plt.rcParams['figure.figsize'] = (19, 7)
```

In [ ]:
```
data = pandas.read_csv("D:\\PROGRAMMING\\DATASETS\\nba.csv")
data
```

Out[ ]:

	Name	Team	Number	Position	Age	Height	Weight	College	Salary
0	Avery Bradley	Boston Celtics	0.0	PG	25.0	6-2	180.0	Texas	7730337.0
1	Jae Crowder	Boston Celtics	99.0	SF	25.0	6-6	235.0	Marquette	6796117.0
2	John Holland	Boston Celtics	30.0	SG	27.0	6-5	205.0	Boston University	NaN
3	R.J. Hunter	Boston Celtics	28.0	SG	22.0	6-5	185.0	Georgia State	1148640.0
4	Jonas Jerebko	Boston Celtics	8.0	PF	29.0	6-10	231.0	NaN	5000000.0
...	...	...	...	...	...	...	...	...	...
453	Shelvin Mack	Utah Jazz	8.0	PG	26.0	6-3	203.0	Butler	2433333.0
454	Raul Neto	Utah Jazz	25.0	PG	24.0	6-1	179.0	NaN	900000.0
455	Tibor Pleiss	Utah Jazz	21.0	C	26.0	7-3	256.0	NaN	2900000.0
456	Jeff Withey	Utah Jazz	24.0	C	26.0	7-0	231.0	Kansas	947276.0
457	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN

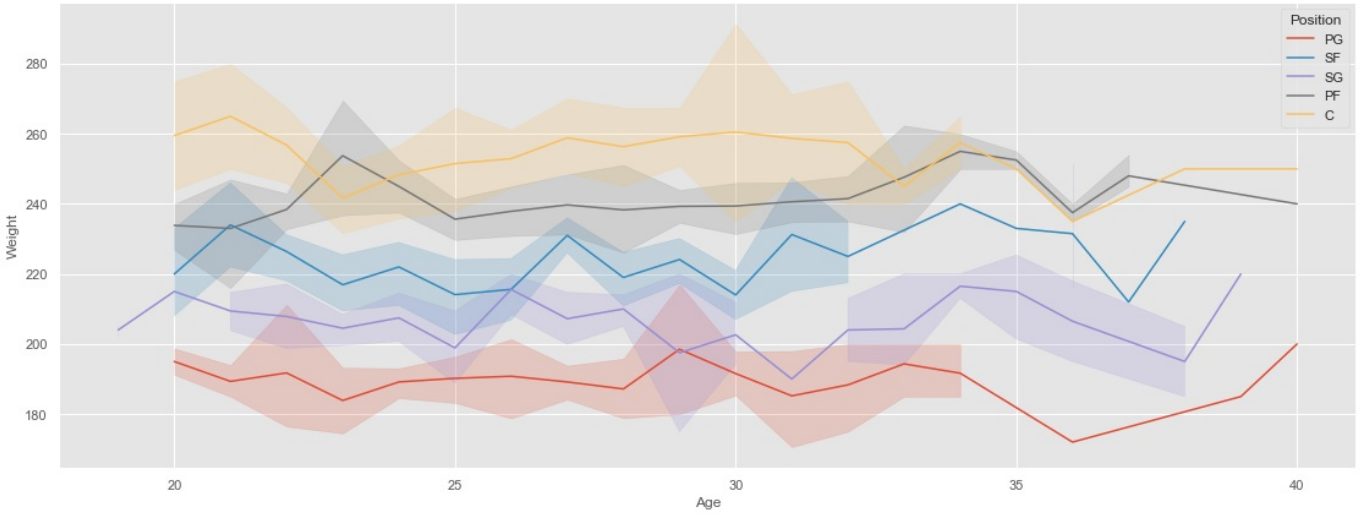
458 rows × 9 columns

In [ ]:
```
sns.lineplot(x = 'Age', y = 'Weight', data=data)
```

Out[ ]:
```
<Axes: xlabel='Age', ylabel='Weight'>
```

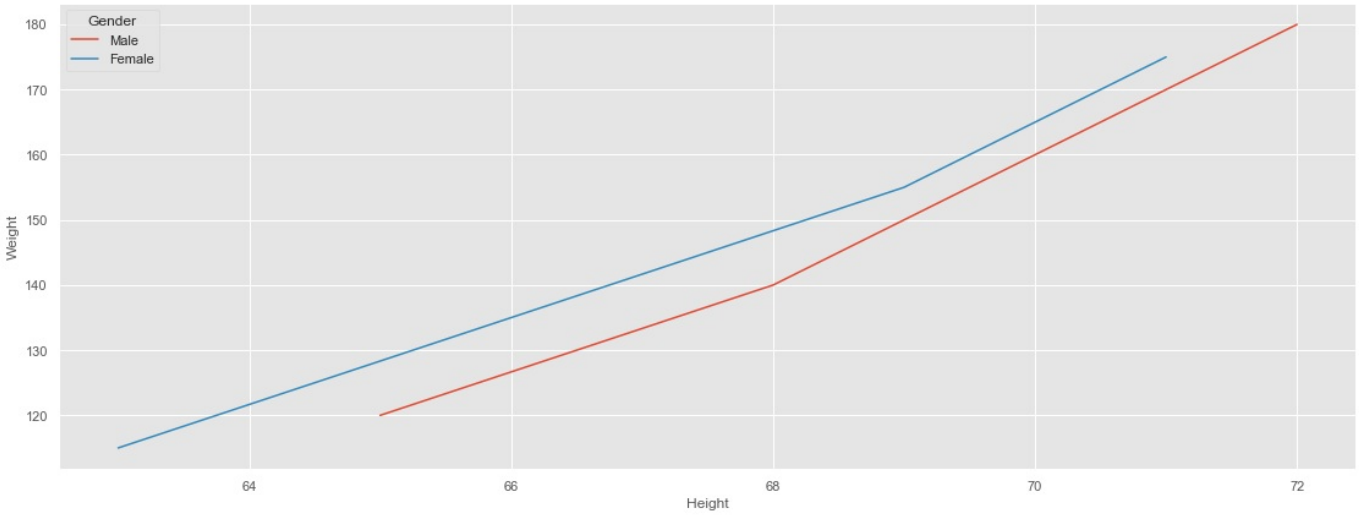
In [ ]:
```
sns.lineplot(x = 'Age', y = 'Weight', data=data, hue=data["Position"])
```

Out[ ]:
```
<Axes: xlabel='Age', ylabel='Weight'>
```



In [ ]:
```
dfA = pandas.DataFrame(
    {'Height': [65, 68, 70, 72, 63, 66, 69, 71],
    'Weight': [120, 140, 160, 180, 115, 135, 155, 175],
    'Gender': ['Male', 'Male', 'Male', 'Male', 'Female', 'Female', 'Female', 'Female']})
sns.lineplot(x = 'Height', y = 'Weight', data=dfA, hue='Gender')
```

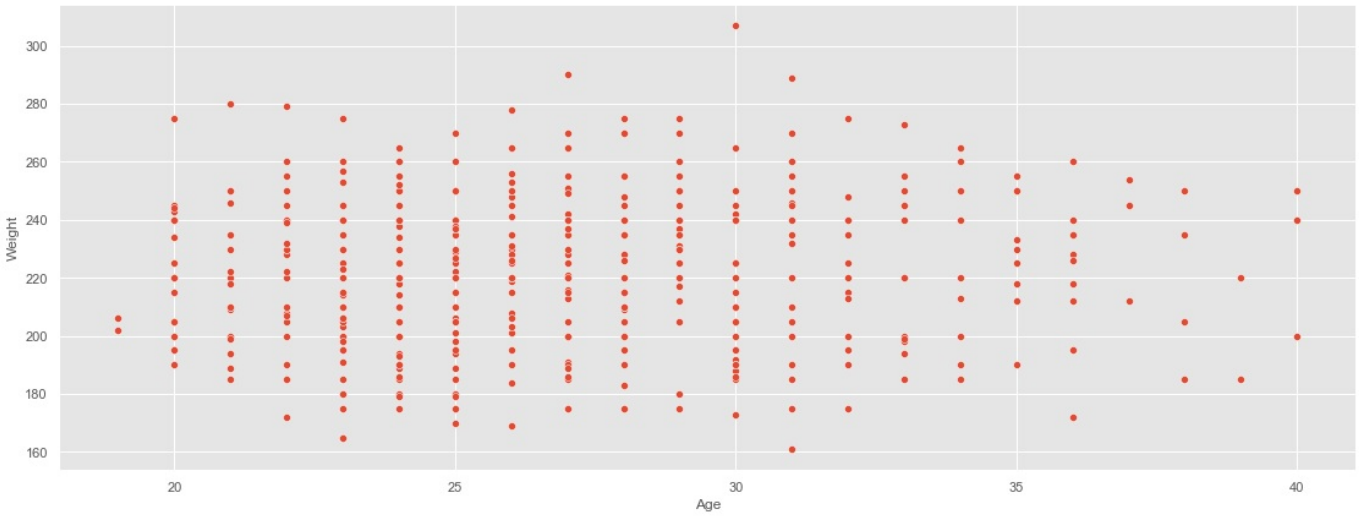
Out[ ]:
```
<Axes: xlabel='Height', ylabel='Weight'>
```



ScatterPlot

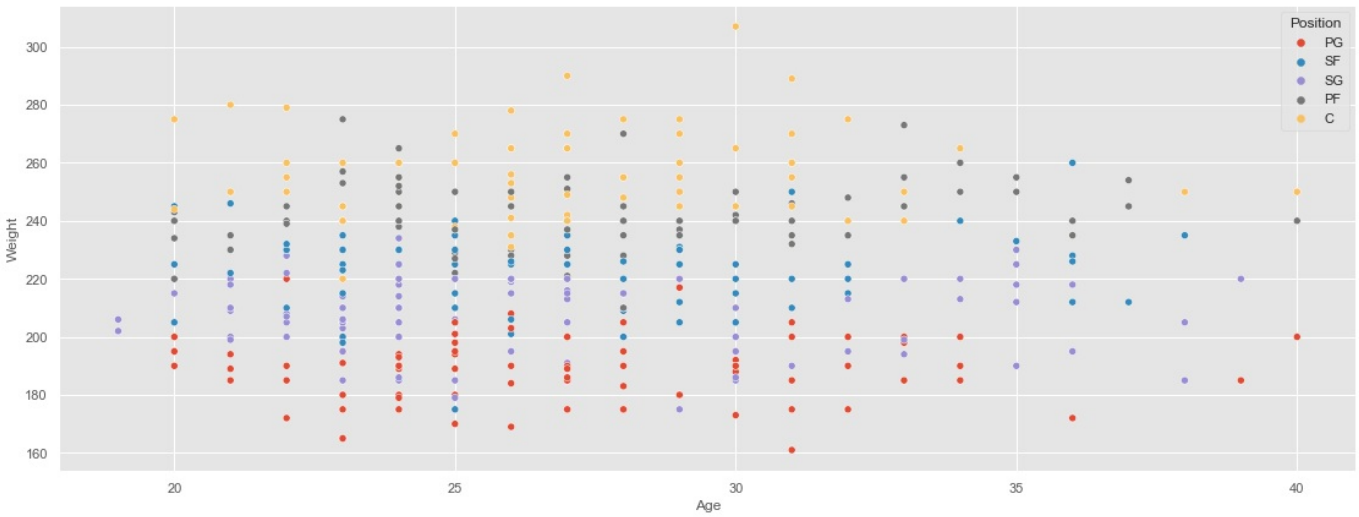
In [ ]:
```
sns.scatterplot(x = 'Age', y = 'Weight', data=data)
```

Out[ ]:
```
<Axes: xlabel='Age', ylabel='Weight'>
```



In [ ]:
```
sns.scatterplot(x = 'Age', y = 'Weight', data=data, hue='Position')
```

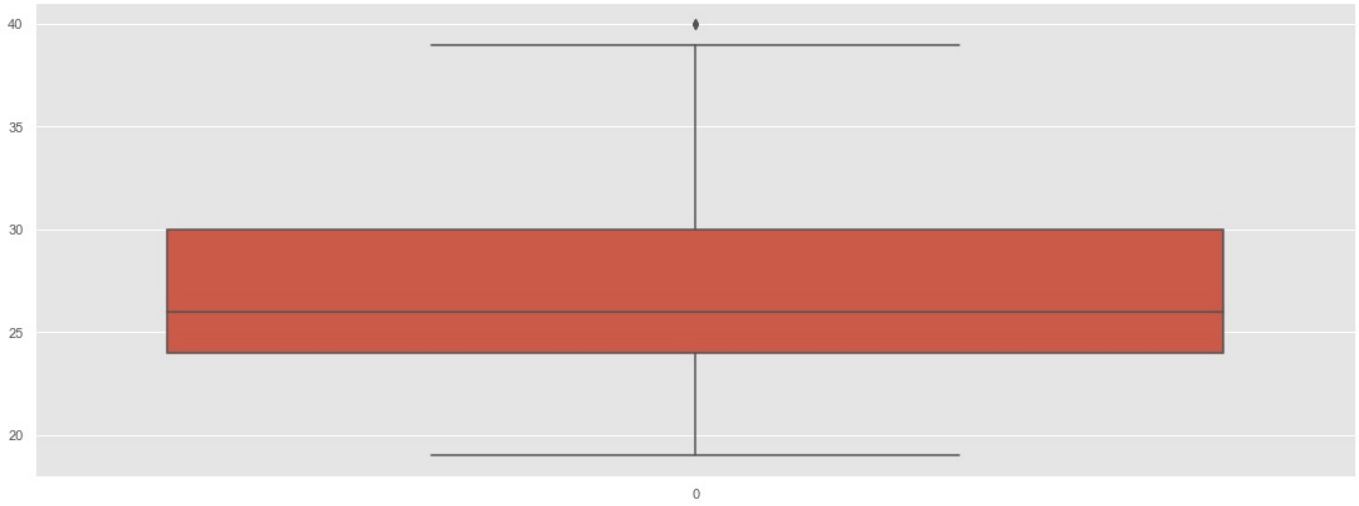
Out[ ]:
```
<Axes: xlabel='Age', ylabel='Weight'>
```



BoxPlot

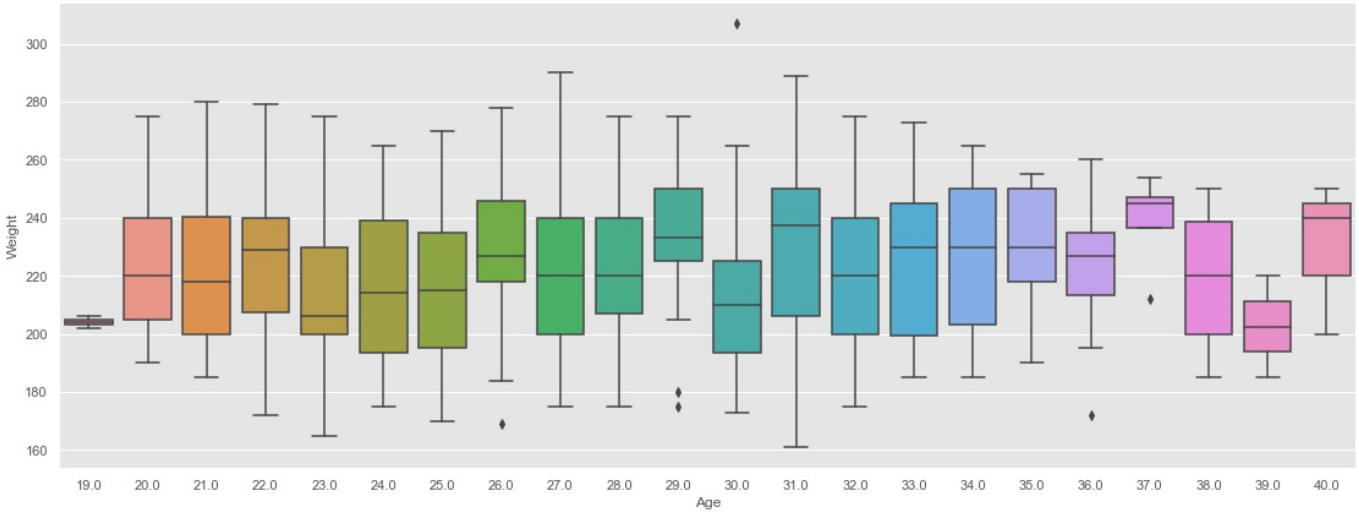
In [ ]:
```
sns.boxplot(data['Age'])
```

Out[ ]: <Axes: >



In [ ]:
```
sns.boxplot(x = 'Age', y = 'Weight', data=data)
```

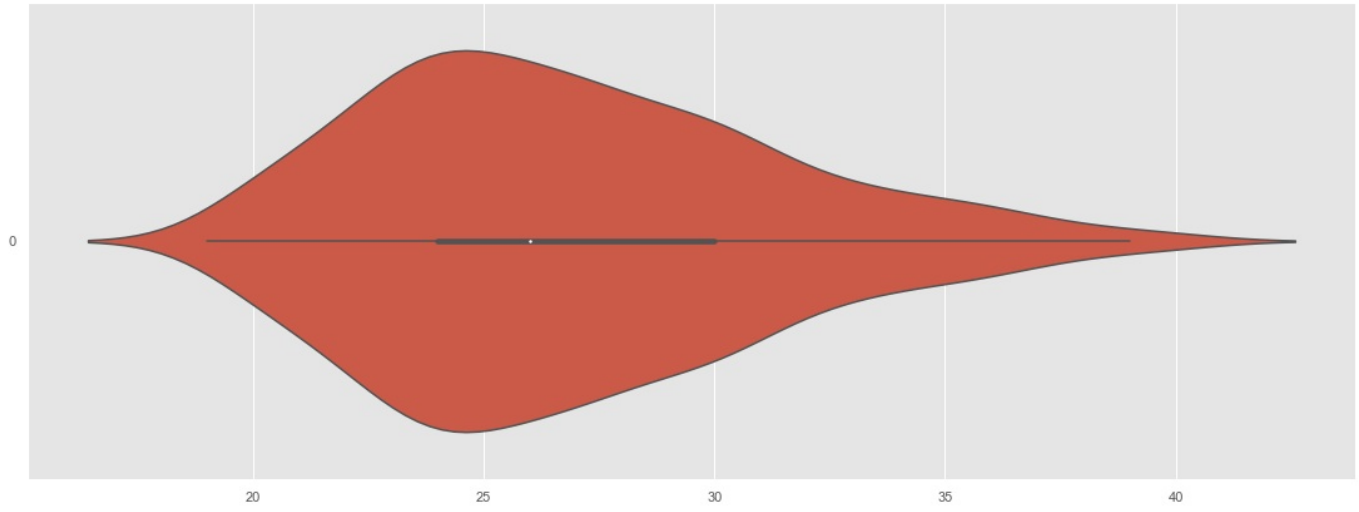
Out[ ]: <Axes: xlabel='Age', ylabel='Weight'>



ViolinPlot

In [ ]:
```
sns.violinplot(data['Age'], orient='h')
```

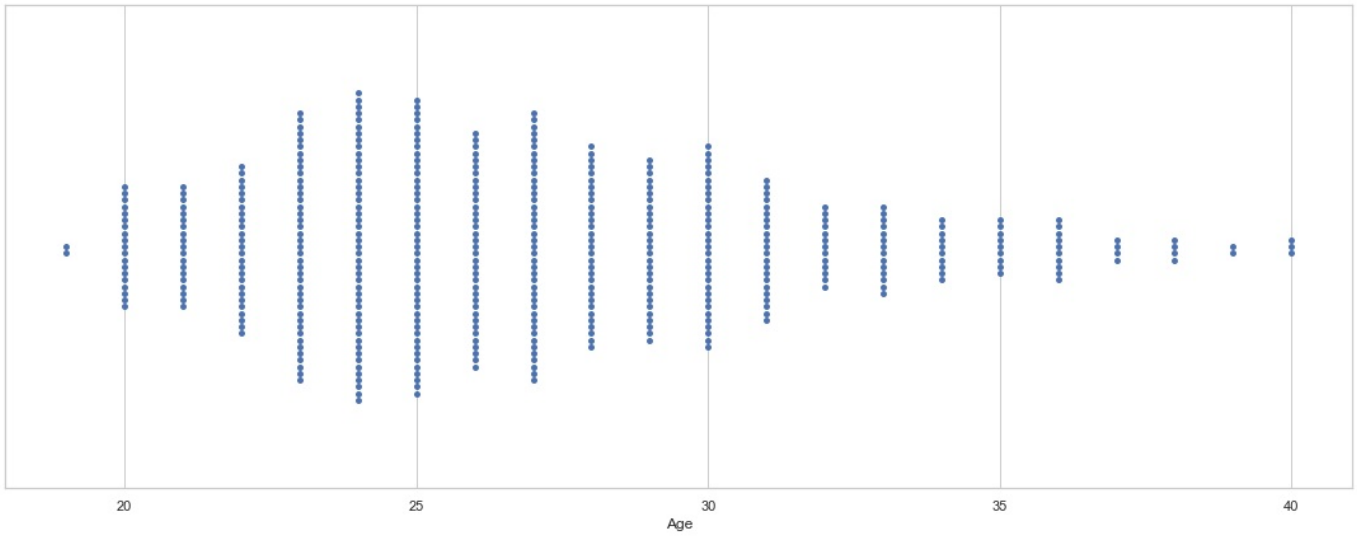
Out[ ]: <Axes: >



swarmPlot

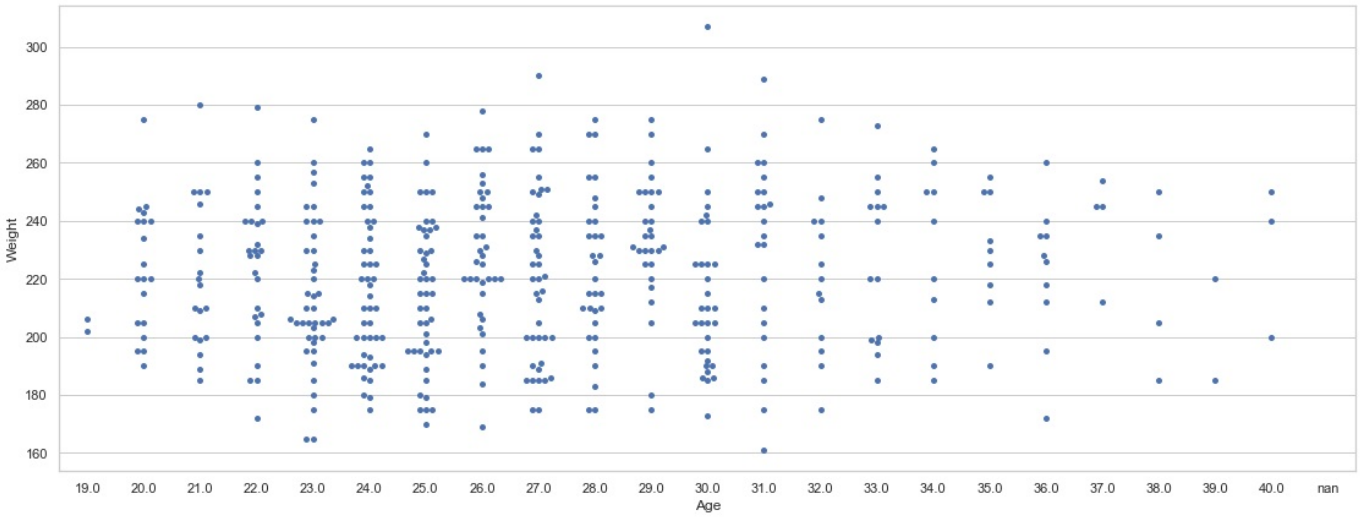
In [ ]:
```
sns.set(style = 'whitegrid')
sns.swarmplot(data['Age'], orient='h')
```

Out[ ]: <Axes: xlabel='Age'>



In [ ]:
```
sns.swarmplot(x = 'Age', y = 'Weight', data=data)
```

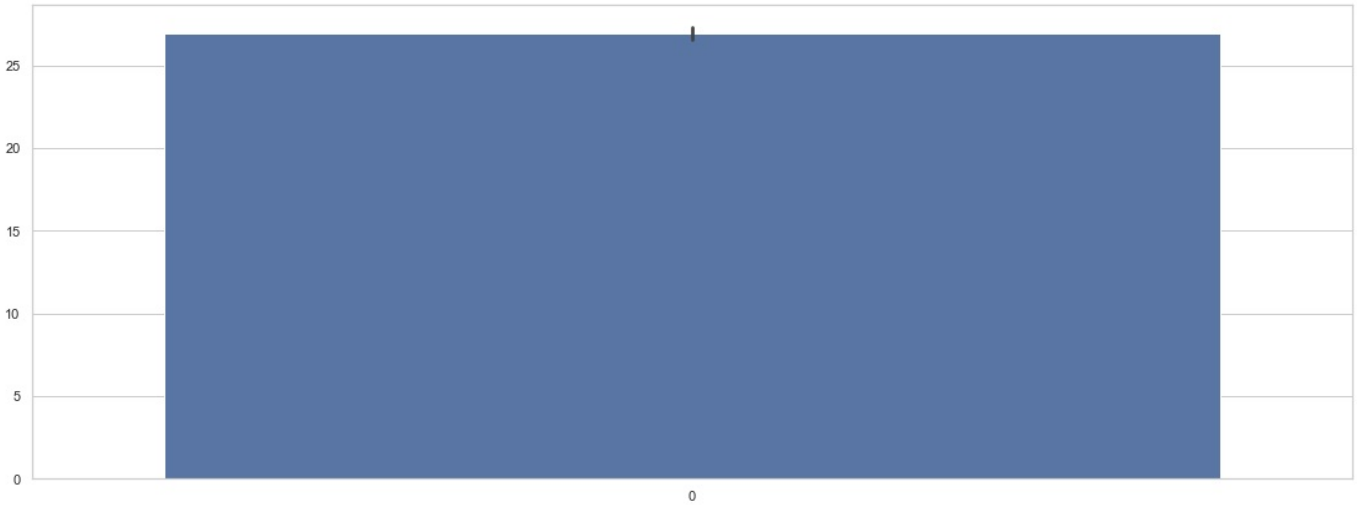
Out[ ]: <Axes: xlabel='Age', ylabel='Weight'>



Barplot

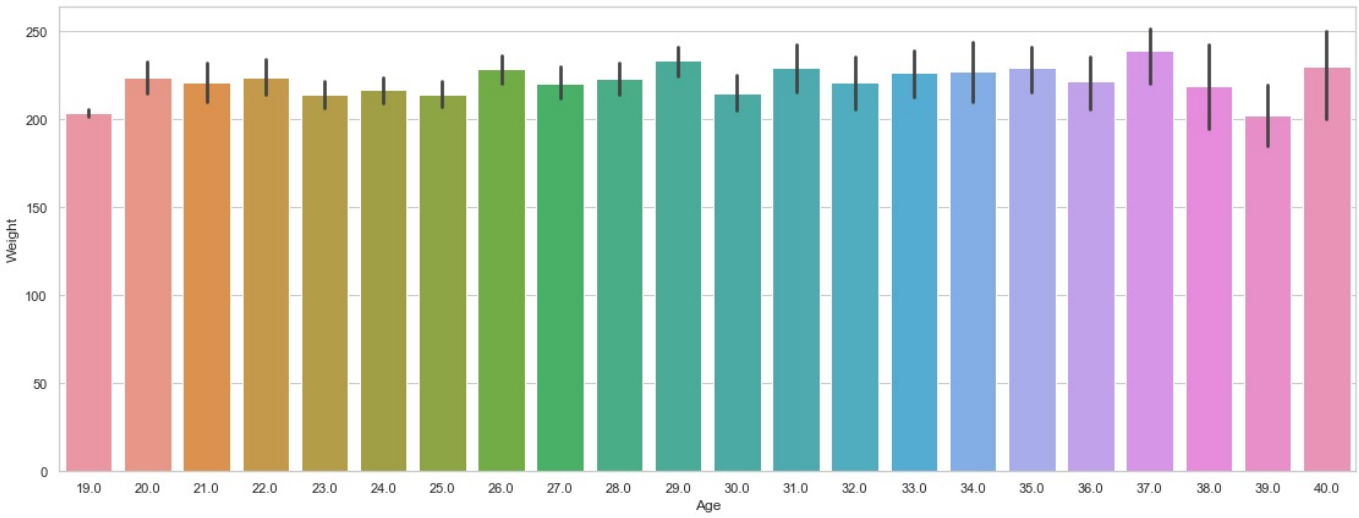
In [ ]:
```
sns.barplot(data['Age'])
```

Out[ ]: <Axes: >



In [ ]:
```
sns.barplot(x = 'Age', y = 'Weight', data=data)
```

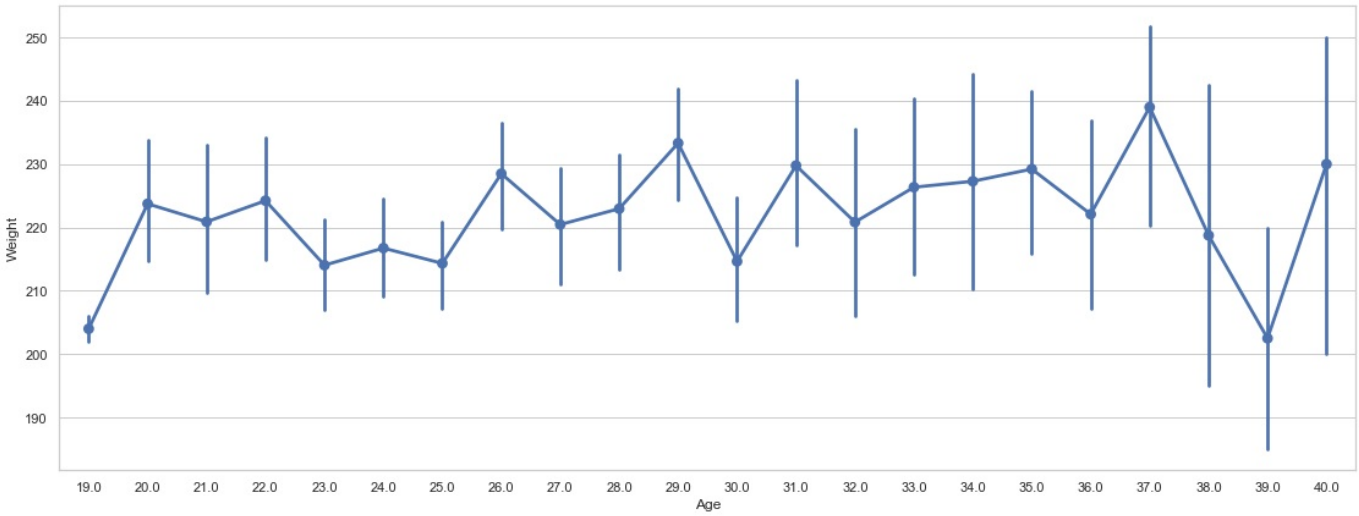
Out[ ]: <Axes: xlabel='Age', ylabel='Weight'>



PointPlot

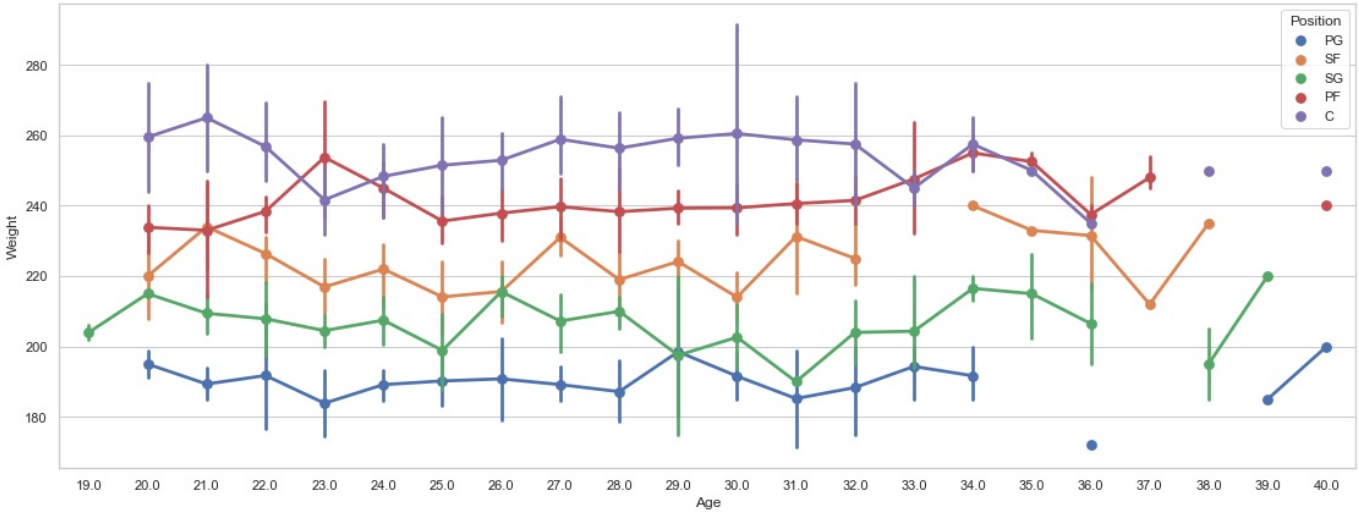
In [ ]:
```
sns.pointplot(x = 'Age', y = 'Weight', data=data)
```

Out[ ]:
```
<Axes: xlabel='Age', ylabel='Weight'>
```



In [ ]:
```
sns.pointplot(x = 'Age', y = 'Weight', data=data, hue='Position')
```

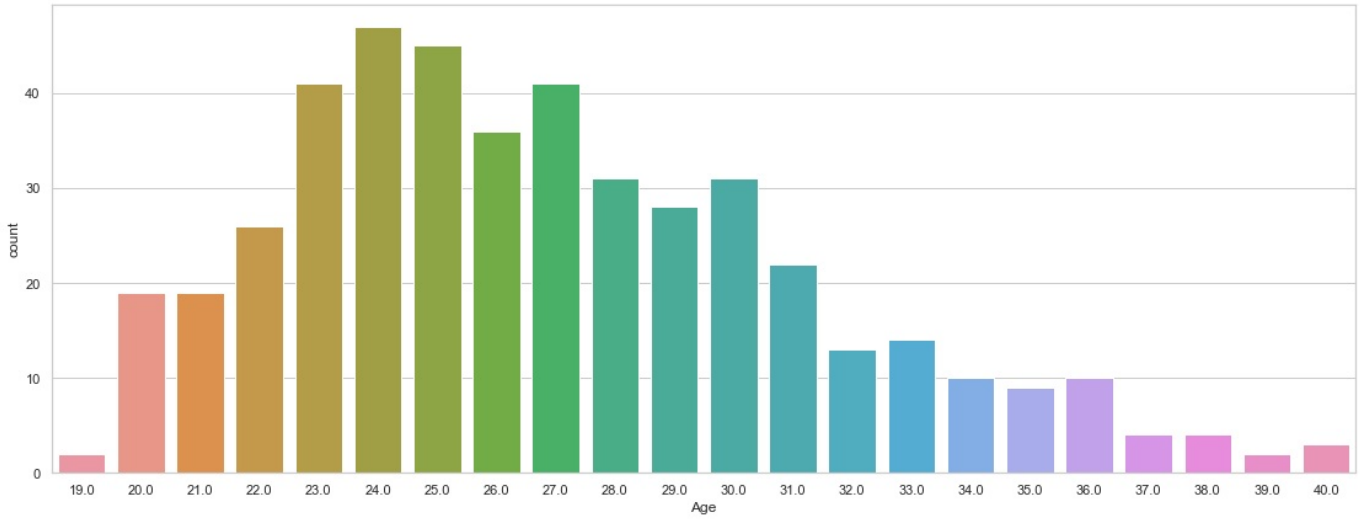
Out[ ]:
```
<Axes: xlabel='Age', ylabel='Weight'>
```



CountPlot

In [ ]:
```
sns.set(style = 'whitegrid')
sns.countplot(x = 'Age', data=data)
```

Out[ ]: <Axes: xlabel='Age', ylabel='count'>



In [ ]: