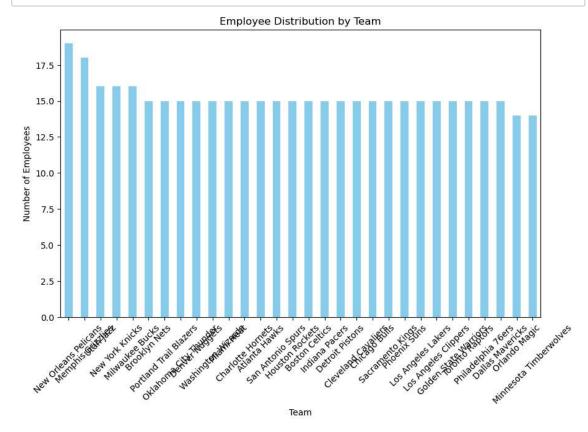
Team	
New Orleans Pelicans	19
Memphis Grizzlies	18
Utah Jazz	16
New York Knicks	16
Milwaukee Bucks	16
Brooklyn Nets	15
Portland Trail Blazers	15
Oklahoma City Thunder	15
Denver Nuggets	15
Washington Wizards	15
Miami Heat	15
Charlotte Hornets	15
Atlanta Hawks	15
San Antonio Spurs	15
Houston Rockets	15
Boston Celtics	15
Indiana Pacers	15
Detroit Pistons	15
Cleveland Cavaliers	15
Chicago Bulls	15
Sacramento Kings	15
Phoenix Suns	15
Los Angeles Lakers	15
Los Angeles Clippers	15
Golden State Warriors	15
Toronto Raptors	15
Philadelphia 76ers	15
Dallas Mavericks	15
Orlando Magic	14
Orlando Magic Minnesota Timberwolves	
	14
Minnesota Timberwolves	14
Minnesota Timberwolves Name: count, dtype: int64	14
Minnesota Timberwolves Name: count, dtype: int64 Team	14 14
Minnesota Timberwolves Name: count, dtype: int64 Team New Orleans Pelicans	14 14 4.148472
Minnesota Timberwolves Name: count, dtype: int64 Team New Orleans Pelicans Memphis Grizzlies	14 14 4.148472 3.930131
Minnesota Timberwolves Name: count, dtype: int64 Team New Orleans Pelicans Memphis Grizzlies Utah Jazz	14 14 4.148472 3.930131 3.493450
Minnesota Timberwolves Name: count, dtype: int64 Team New Orleans Pelicans Memphis Grizzlies Utah Jazz New York Knicks Milwaukee Bucks Brooklyn Nets	14 14 4.148472 3.930131 3.493450 3.493450
Minnesota Timberwolves Name: count, dtype: int64 Team New Orleans Pelicans Memphis Grizzlies Utah Jazz New York Knicks Milwaukee Bucks Brooklyn Nets Portland Trail Blazers	14 14 4.148472 3.930131 3.493450 3.493450 3.493450
Minnesota Timberwolves Name: count, dtype: int64 Team New Orleans Pelicans Memphis Grizzlies Utah Jazz New York Knicks Milwaukee Bucks Brooklyn Nets Portland Trail Blazers Oklahoma City Thunder	14 14 4.148472 3.930131 3.493450 3.493450 3.275109 3.275109 3.275109
Minnesota Timberwolves Name: count, dtype: int64 Team New Orleans Pelicans Memphis Grizzlies Utah Jazz New York Knicks Milwaukee Bucks Brooklyn Nets Portland Trail Blazers Oklahoma City Thunder Denver Nuggets	14 14 4.148472 3.930131 3.493450 3.493450 3.275109 3.275109 3.275109 3.275109
Minnesota Timberwolves Name: count, dtype: int64 Team New Orleans Pelicans Memphis Grizzlies Utah Jazz New York Knicks Milwaukee Bucks Brooklyn Nets Portland Trail Blazers Oklahoma City Thunder Denver Nuggets Washington Wizards	14 14 4.148472 3.930131 3.493450 3.493450 3.275109 3.275109 3.275109 3.275109 3.275109
Minnesota Timberwolves Name: count, dtype: int64 Team New Orleans Pelicans Memphis Grizzlies Utah Jazz New York Knicks Milwaukee Bucks Brooklyn Nets Portland Trail Blazers Oklahoma City Thunder Denver Nuggets Washington Wizards Miami Heat	14 14 4.148472 3.930131 3.493450 3.493450 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109
Minnesota Timberwolves Name: count, dtype: int64 Team New Orleans Pelicans Memphis Grizzlies Utah Jazz New York Knicks Milwaukee Bucks Brooklyn Nets Portland Trail Blazers Oklahoma City Thunder Denver Nuggets Washington Wizards	14 14 4.148472 3.930131 3.493450 3.493450 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109
Minnesota Timberwolves Name: count, dtype: int64 Team New Orleans Pelicans Memphis Grizzlies Utah Jazz New York Knicks Milwaukee Bucks Brooklyn Nets Portland Trail Blazers Oklahoma City Thunder Denver Nuggets Washington Wizards Miami Heat Charlotte Hornets Atlanta Hawks	14 14 4.148472 3.930131 3.493450 3.493450 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109
Minnesota Timberwolves Name: count, dtype: int64 Team New Orleans Pelicans Memphis Grizzlies Utah Jazz New York Knicks Milwaukee Bucks Brooklyn Nets Portland Trail Blazers Oklahoma City Thunder Denver Nuggets Washington Wizards Miami Heat Charlotte Hornets Atlanta Hawks San Antonio Spurs	14 14 4.148472 3.930131 3.493450 3.493450 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109
Minnesota Timberwolves Name: count, dtype: int64 Team New Orleans Pelicans Memphis Grizzlies Utah Jazz New York Knicks Milwaukee Bucks Brooklyn Nets Portland Trail Blazers Oklahoma City Thunder Denver Nuggets Washington Wizards Miami Heat Charlotte Hornets Atlanta Hawks San Antonio Spurs Houston Rockets	14 14 4.148472 3.930131 3.493450 3.493450 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109
Minnesota Timberwolves Name: count, dtype: int64 Team New Orleans Pelicans Memphis Grizzlies Utah Jazz New York Knicks Milwaukee Bucks Brooklyn Nets Portland Trail Blazers Oklahoma City Thunder Denver Nuggets Washington Wizards Miami Heat Charlotte Hornets Atlanta Hawks San Antonio Spurs Houston Rockets Boston Celtics	14 14 4.148472 3.930131 3.493450 3.493450 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109
Minnesota Timberwolves Name: count, dtype: int64 Team New Orleans Pelicans Memphis Grizzlies Utah Jazz New York Knicks Milwaukee Bucks Brooklyn Nets Portland Trail Blazers Oklahoma City Thunder Denver Nuggets Washington Wizards Miami Heat Charlotte Hornets Atlanta Hawks San Antonio Spurs Houston Rockets Boston Celtics Indiana Pacers	14 14 4.148472 3.930131 3.493450 3.493450 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109
Minnesota Timberwolves Name: count, dtype: int64 Team New Orleans Pelicans Memphis Grizzlies Utah Jazz New York Knicks Milwaukee Bucks Brooklyn Nets Portland Trail Blazers Oklahoma City Thunder Denver Nuggets Washington Wizards Miami Heat Charlotte Hornets Atlanta Hawks San Antonio Spurs Houston Rockets Boston Celtics Indiana Pacers Detroit Pistons	14 14 4.148472 3.930131 3.493450 3.493450 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109
Minnesota Timberwolves Name: count, dtype: int64 Team New Orleans Pelicans Memphis Grizzlies Utah Jazz New York Knicks Milwaukee Bucks Brooklyn Nets Portland Trail Blazers Oklahoma City Thunder Denver Nuggets Washington Wizards Miami Heat Charlotte Hornets Atlanta Hawks San Antonio Spurs Houston Rockets Boston Celtics Indiana Pacers Detroit Pistons Cleveland Cavaliers	14 14 4.148472 3.930131 3.493450 3.493450 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109
Minnesota Timberwolves Name: count, dtype: int64 Team New Orleans Pelicans Memphis Grizzlies Utah Jazz New York Knicks Milwaukee Bucks Brooklyn Nets Portland Trail Blazers Oklahoma City Thunder Denver Nuggets Washington Wizards Miami Heat Charlotte Hornets Atlanta Hawks San Antonio Spurs Houston Rockets Boston Celtics Indiana Pacers Detroit Pistons Cleveland Cavaliers Chicago Bulls	14 14 4.148472 3.930131 3.493450 3.493450 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109
Minnesota Timberwolves Name: count, dtype: int64 Team New Orleans Pelicans Memphis Grizzlies Utah Jazz New York Knicks Milwaukee Bucks Brooklyn Nets Portland Trail Blazers Oklahoma City Thunder Denver Nuggets Washington Wizards Miami Heat Charlotte Hornets Atlanta Hawks San Antonio Spurs Houston Rockets Boston Celtics Indiana Pacers Detroit Pistons Cleveland Cavaliers Chicago Bulls Sacramento Kings	14 14 4.148472 3.930131 3.493450 3.493450 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109
Minnesota Timberwolves Name: count, dtype: int64 Team New Orleans Pelicans Memphis Grizzlies Utah Jazz New York Knicks Milwaukee Bucks Brooklyn Nets Portland Trail Blazers Oklahoma City Thunder Denver Nuggets Washington Wizards Miami Heat Charlotte Hornets Atlanta Hawks San Antonio Spurs Houston Rockets Boston Celtics Indiana Pacers Detroit Pistons Cleveland Cavaliers Chicago Bulls Sacramento Kings Phoenix Suns	14 14 4.148472 3.930131 3.493450 3.493450 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109
Minnesota Timberwolves Name: count, dtype: int64 Team New Orleans Pelicans Memphis Grizzlies Utah Jazz New York Knicks Milwaukee Bucks Brooklyn Nets Portland Trail Blazers Oklahoma City Thunder Denver Nuggets Washington Wizards Miami Heat Charlotte Hornets Atlanta Hawks San Antonio Spurs Houston Rockets Boston Celtics Indiana Pacers Detroit Pistons Cleveland Cavaliers Chicago Bulls Sacramento Kings	14 14 4.148472 3.930131 3.493450 3.493450 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109 3.275109

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Golden State Warriors 3.275109
Toronto Raptors 3.275109
Philadelphia 76ers 3.275109
Dallas Mavericks 3.275109
Orlando Magic 3.056769
Minnesota Timberwolves 3.056769
Name: count, dtype: float64
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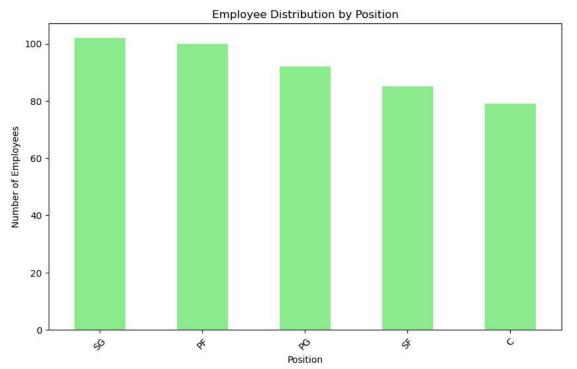
## In [5]:

```
#visualization
import matplotlib.pyplot as plt

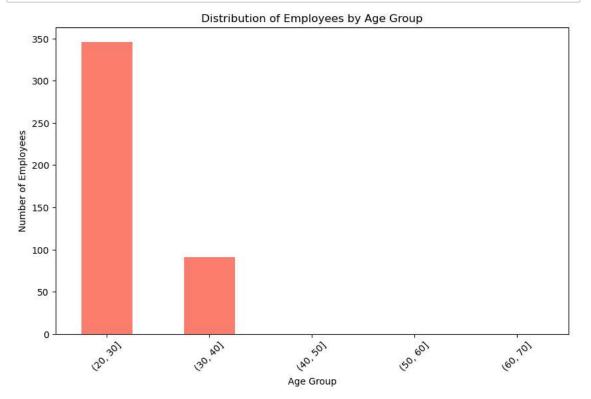
plt.figure(figsize=(10, 6))
team_distribution.plot(kind='bar', color='skyblue')
plt.title('Employee Distribution by Team')
plt.xlabel('Team')
plt.ylabel('Number of Employees')
plt.xticks(rotation=45)
plt.show()
```



```
In [7]:
            #segregation by position
            position_distribution = df['Position'].value_counts()
            # Display results
            print(position_distribution)
            Position
            SG
                  102
            ΡF
                  100
            PG
                   92
            SF
                   85
                   79
            C
            Name: count, dtype: int64
         ₩ #visualisation
In [8]:
            plt.figure(figsize=(10, 6))
            position_distribution.plot(kind='bar', color='lightgreen')
            plt.title('Employee Distribution by Position')
            plt.xlabel('Position')
            plt.ylabel('Number of Employees')
            plt.xticks(rotation=45)
            plt.show()
```



```
In [9]:
         ▶ #predominant age group
            age_bins = [20, 30, 40, 50, 60, 70]
            df['Age_group'] = pd.cut(df['Age'], bins=age_bins)
            age_group_distribution = df['Age_group'].value_counts()
            # Display results
            print(age_group_distribution)
            Age_group
            (20, 30]
                         346
            (30, 40]
                          91
            (40, 50]
                           0
            (50, 60]
                           0
            (60, 70]
                           0
            Name: count, dtype: int64
```

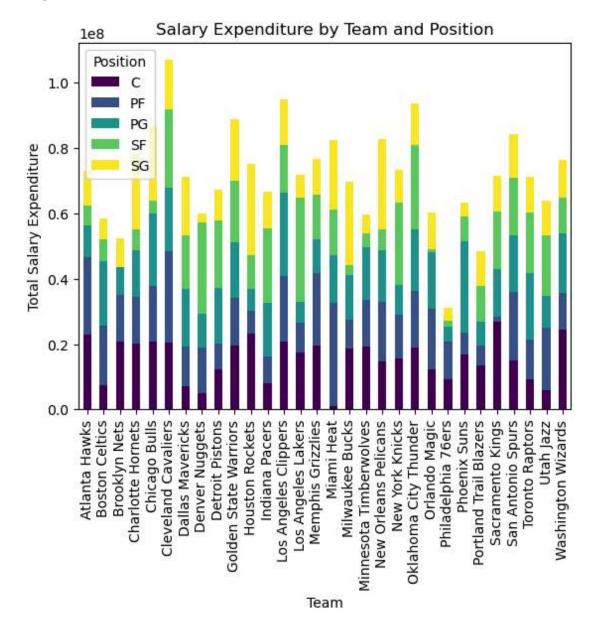


```
In [11]: #highest salary expenditure
highest_salary_team = df.groupby('Team')['Salary'].sum().idxmax()
highest_salary_position = df.groupby('Position')['Salary'].sum().idxmax()

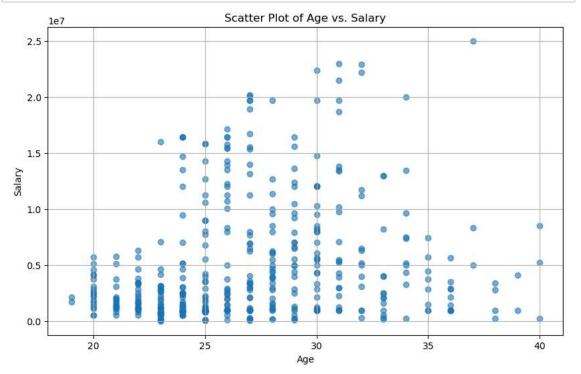
# Display results
print(f'Highest Salary Team: {highest_salary_team}')
print(f'Highest Salary Position: {highest_salary_position}')
```

Highest Salary Team: Cleveland Cavaliers Highest Salary Position: C

<Figure size 1200x800 with 0 Axes>



Correlation between Age and Salary: 0.21400941226570955



## Data Story Insights:

- 1. Total employees: 458. The largest team is New Orleans Pelicans with 1 9 members, constituting 4.15% of the workforce.
- 2. The most common position is SG with 102 employees.
- 3. The predominant age group is (20, 30] with 346 employees.
- 4. The team with the highest salary expenditure is Cleveland Cavaliers a nd the position with the highest salary is C.
- 5. The correlation between age and salary is 0.21, indicating a moderate positive relationship.

