Predicting IMDb Scores

In [7]:
```
df["birthYear"]=df["birthYear"].astype("int32")
```

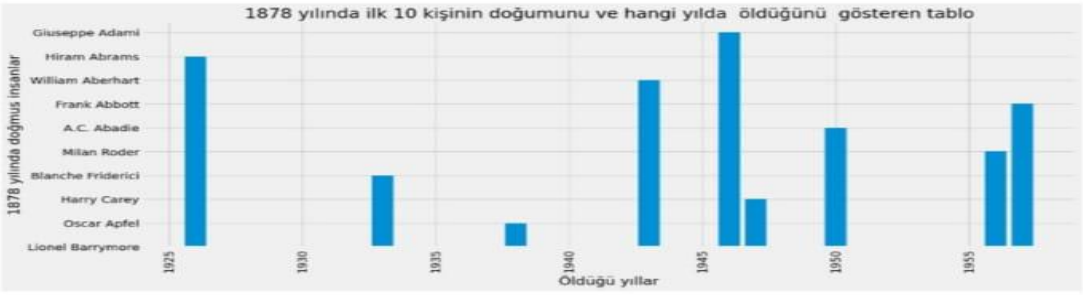
In [8]:
```
birth_Year=list(df["birthYear"].unique())
birth_Year.sort()
```

In [9]:
```
birth_Year=birth_Year[340:]
```

In [10]:
```
primary=list(df["primaryProfession"].unique())
```

In [11]:
```
# her bir yılda doğan insanların ne zaman öldüklerini gösteren ilk 10 kişinin 1877 yılın
dan itibaren tablosu
for i in birth_Year:
    c=df[df["birthYear"]==i]

    plt.style.use("fivethirtyeight")
    plt.figure(figsize=(16,6))
    plt.bar(c["deathYear"][:10],c["primaryName"][:10])
    plt.xlabel("Öldüğü yıllar")
    plt.title(f"{i} yılında ilk 10 kişinin doğumunu ve hangi yılda  öldüğünü  gösteren
tablo")
    plt.xticks(rotation=90)
    plt.ylabel(f"{i} yılında doğmus insanlar")
    plt.show()
```



In [12]:
```
na_values = ["\\N", "nan"]
df1=pd.read_csv("/kaggle/input/imdb-dataset/title.basics.tsv/data.tsv",sep='\t',low_me
mory=False, na_values=na_values)
```

In [13]:
```
df1.head()
```

Out[13]:

	tconst	titleType	primaryTitle	originalTitle	isAdult	startYear	endYear	runtimeMinutes	genres
0	tt0000001	short	Carmencita	Carmencita	0.0	1894.0	NaN	1	Documentary,Sh
1	tt0000002	short	Le clown et ses chiens	Le clown et ses chiens	0.0	1892.0	NaN	5	Animation,Short
2	tt0000003	short	Pauvre Pierrot	Pauvre Pierrot	0.0	1892.0	NaN	4	Animation,Comec
3	tt0000004	short	Un bon bock	Un bon bock	0.0	1892.0	NaN	12	Animation,Short
4	tt0000005	short	Blacksmith Scene	Blacksmith Scene	0.0	1893.0	NaN	1	Comedy,Short

In [14]:
```
title_Type=list(df1["titleType"].unique())
```

In [15]:
```
df1.info()
```

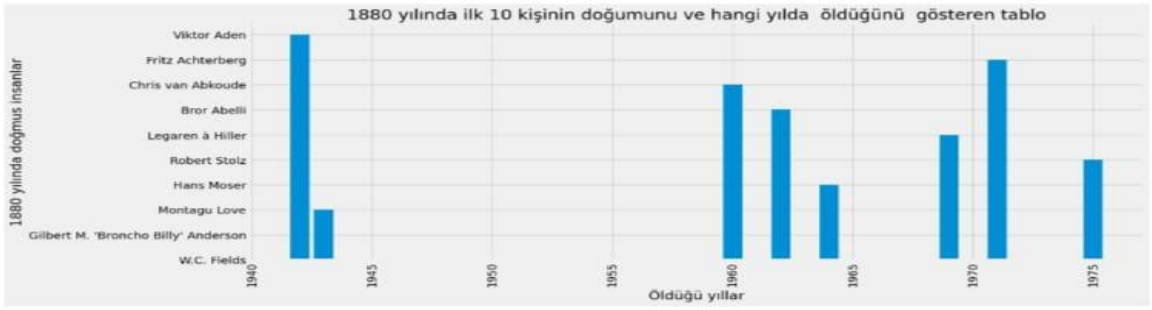
```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 10233937 entries, 0 to 10233936
Data columns (total 9 columns):
 #   Column          Dtype
---  ------          -----
 0   tconst          object
 1   titleType       object
 2   primaryTitle    object
 3   originalTitle   object
 4   isAdult         float64
 5   startYear       float64
 6   endYear         float64
 7   runtimeMinutes  object
 8   genres          object
dtypes: float64(3), object(6)
memory usage: 702.7+ MB
```

In [16]:
```
df1=df1.dropna()
```

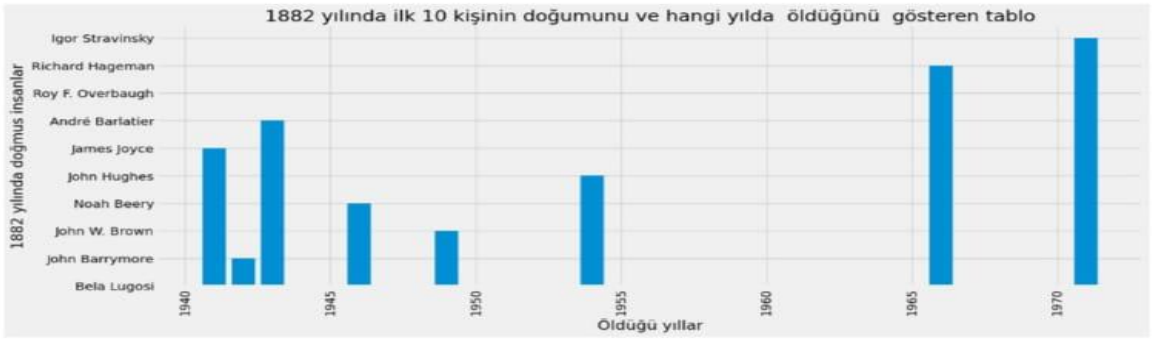
In [17]:
```
df1.info()
```

```
<class 'pandas.core.frame.DataFrame'>
Index: 52603 entries, 35174 to 10233631
Data columns (total 9 columns):
 #   Column          Non-Null Count  Dtype
---  ------          --------------  -----
 0   tconst          52603 non-null  object
 1   titleType       52603 non-null  object
 2   primaryTitle    52603 non-null  object
 3   originalTitle   52603 non-null  object
 4   isAdult         52603 non-null  float64
 5   startYear       52603 non-null  float64
 6   endYear         52603 non-null  float64
 7   runtimeMinutes  52603 non-null  object
 8   genres          52603 non-null  object
dtypes: float64(3), object(6)
memory usage: 4.0+ MB
```

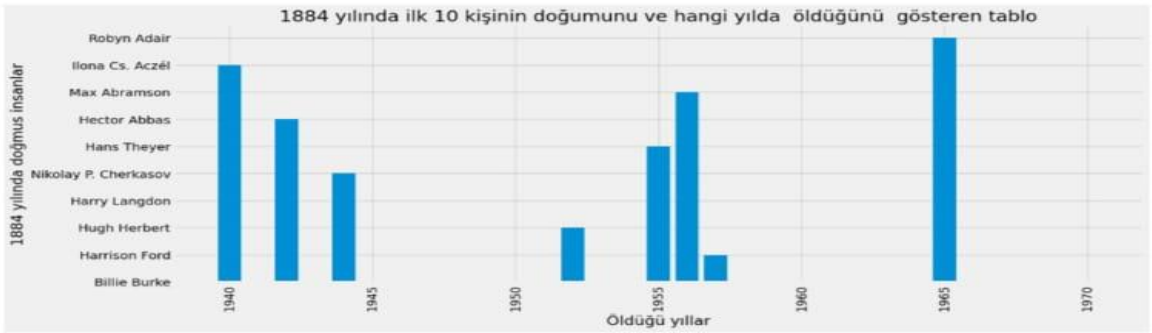
In [18]:
```
start_Year=list(df1["startYear"].unique())
```


1880 yılında ilk 10 kişinin doğumunu ve hangi yılda öldüğünü gösteren tablo
1880 yılında doğmus insanlar
Viktor Aden
Fritz Achterberg
Chris van Abkoude
Bror Abelli
Legaren à Hiller
Robert Stolz
Hans Moser
Montagu Love
Gilbert M. 'Broncho Billy' Anderson
W.C. Fields
1940
1945
1950
1955
1960
1965
1970
1975
Öldüğü yıllar


1881 yılında ilk 10 kişinin doğumunu ve hangi yılda öldüğünü gösteren tablo
1881 yılında doğmus insanlar
Dan Agar
John G. Adolfi
Lowden Adams
Walter Ackerman
Jesus Hermenegildo Abitia
Achmed Abdullah
Taso Abashidze
Asta Nielsen
Pedro de Cordoba
Cecil B. DeMille
1935
1940
1945
1950
1955
1960
1965
1970
Öldüğü yıllar


1882 yılında ilk 10 kişinin doğumunu ve hangi yılda öldüğünü gösteren tablo
1882 yılında doğmus insanlar
Igor Stravinsky
Richard Hageman
Roy F. Overbaugh
André Barlatier
James Joyce
John Hughes
Noah Beery
John W. Brown
John Barrymore
Bela Lugosi
1940
1945
1950
1955
1960
1965
1970
Öldüğü yıllar


1883 yılında ilk 10 kişinin doğumunu ve hangi yılda öldüğünü gösteren tablo
1883 yılında doğmus insanlar
Muriel Aked
Juan Aguilar
Stella Adams
Frank R. Adams
Maurice Abrahams
David Abel
James E. Abbe
Franz Doelle
Joseph Crehan
Douglas Fairbanks
1930
1940
1950
1960
1970
Öldüğü yıllar


1884 yılında ilk 10 kişinin doğumunu ve hangi yılda öldüğünü gösteren tablo
1884 yılında doğmus insanlar
Robyn Adair
Ilona Cs. Aczél
Max Abramson
Hector Abbas
Hans Theyer
Nikolay P. Cherkasov
Harry Langdon
Hugh Herbert
Harrison Ford
Billie Burke
1940
1945
1950
1955
1960
1965
1970
Öldüğü yıllar

[19]:
```
start_Year.sort()
```

[20]:
```
start_Year=start_Year[20:]
```

[21]:
```
for i in start_Year:
    a=df1[df1["startYear"]==i]
    plt.style.use("ggplot")
    plt.figure(figsize=(16,6))
    plt.bar(a["runtimeMinutes"][:7],a["primaryTitle"][:7])
    plt.xlabel("Süresi(DK)")
    plt.title(f"{i} yılda cıkan tvshow,film,dizi,vs ilk 7  ")
    plt.ylabel(f"{i} yılında başlamış tvshow,film,dizi,vs")
    plt.show()
```