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Answer 1: -

- There are 10 Actors who have won more than one academy award.
- Daniel Day-Lewis won 3 Academy Awards for Best Actor in the year 2013, 1990, and 2008
- Sean Penn won 2 Academy Awards for Best Actor in the year 2009 and 2004
- Tom Hanks won 2 Academy Awards for Best Actor in the year 1995 and 1994
- Gary Cooper won 2 Academy Awards for Best Actor in the year 1953 and 1942
- Jack Nicholson won 2 Academy Awards for Best Actor in the year 1998 and 1976
- Dustin Hoffman won 2 Academy Awards for Best Actor in the year 1980 and 1989
- Marlon Brando won 2 Academy Awards for Best Actor in the year 1955 and 1973
- Emil Jannings won 2 Academy Awards for Best Actor in the year 1929
- Fredric March won 2 Academy Awards for Best Actor in the year 1932 and 1947
- Spencer Tracy won 2 Academy Awards for Best Actor in the year 1939 and 1938

Approach taken: -

To get the number of Actors that won Academy award for best Actors, I took a three-step approach

- 1) Created a pivot table that showed me the subtotal of awards won by the Actors
- 2) Used the function of "Count if" to count if the number of awards are greater than 1

To get the year in which the awards was won was found by using the function of VLOOKUP.

The answer can be found in the sheet named "Answer 1" (Cell Range A1:C12),
Count if function was used in cell C1688

Answer 2: -

The number of male and female winners in each year are as follows: -

- There were 3 Female and 10 Male Winners in the year 1929
- There were 3 Female and 9 Male Winners in the year 1930
- There were 1 Female and 6 Male Winners in the year 1931

- There were 2 Female and 8 Male Winners in the year 1932
- There were 2 Female and 8 Male Winners in the year 1934
- There were 2 Female and 11 Male Winners in the year 1935
- There were 1 Female and 11 Male Winners in the year 1936
- There were 2 Female and 12 Male Winners in the year 1937
- There were 2 Female and 12 Male Winners in the year 1938
- There were 3 Female and 11 Male Winners in the year 1939
- There were 2 Female and 14 Male Winners in the year 1940
- There were 3 Female and 16 Male Winners in the year 1941
- There were 2 Female and 16 Male Winners in the year 1942
- There were 2 Female and 16 Male Winners in the year 1943
- There were 2 Female and 18 Male Winners in the year 1944
- There were 3 Female and 17 Male Winners in the year 1945
- There were 2 Female and 18 Male Winners in the year 1946
- There were 2 Female and 17 Male Winners in the year 1947
- There were 2 Female and 19 Male Winners in the year 1948
- There were 3 Female and 18 Male Winners in the year 1949
- There were 1 Female and 20 Male Winners in the year 1950
- There were 3 Female and 19 Male Winners in the year 1951
- There were 3 Female and 20 Male Winners in the year 1952
- There were 3 Female and 20 Male Winners in the year 1953
- There were 3 Female and 20 Male Winners in the year 1954
- There were 3 Female and 20 Male Winners in the year 1955
- There were 4 Female and 19 Male Winners in the year 1956
- There were 3 Female and 23 Male Winners in the year 1957
- There were 2 Female and 16 Male Winners in the year 1958
- There were 2 Female and 19 Male Winners in the year 1959
- There were 3 Female and 20 Male Winners in the year 1960
- There were 3 Female and 20 Male Winners in the year 1961
- There were 3 Female and 16 Male Winners in the year 1962
- There were 6 Female and 17 Male Winners in the year 1963
- There were 2 Female and 20 Male Winners in the year 1964
- There were 2 Female and 19 Male Winners in the year 1965
- There were 4 Female and 19 Male Winners in the year 1966
- There were 4 Female and 17 Male Winners in the year 1967
- There were 2 Female and 16 Male Winners in the year 1968
- There were 4 Female and 15 Male Winners in the year 1969
- There were 3 Female and 15 Male Winners in the year 1970
- There were 2 Female and 16 Male Winners in the year 1971
- There were 2 Female and 15 Male Winners in the year 1972
- There were 3 Female and 14 Male Winners in the year 1973
- There were 3 Female and 13 Male Winners in the year 1974
- There were 4 Female and 13 Male Winners in the year 1975
- There were 3 Female and 14 Male Winners in the year 1976
- There were 3 Female and 14 Male Winners in the year 1977

- There were 3 Female and 15 Male Winners in the year 1978
- There were 3 Female and 15 Male Winners in the year 1979
- There were 3 Female and 15 Male Winners in the year 1980
- There were 3 Female and 14 Male Winners in the year 1981
- There were 3 Female and 15 Male Winners in the year 1982
- There were 4 Female and 17 Male Winners in the year 1983
- There were 4 Female and 15 Male Winners in the year 1984
- There were 3 Female and 15 Male Winners in the year 1985
- There were 2 Female and 16 Male Winners in the year 1986
- There were 4 Female and 14 Male Winners in the year 1987
- There were 3 Female and 15 Male Winners in the year 1988
- There were 2 Female and 18 Male Winners in the year 1989
- There were 4 Female and 15 Male Winners in the year 1990
- There were 4 Female and 15 Male Winners in the year 1991
- There were 4 Female and 16 Male Winners in the year 1992
- There were 5 Female and 14 Male Winners in the year 1993
- There were 6 Female and 14 Male Winners in the year 1994
- There were 7 Female and 14 Male Winners in the year 1995
- There were 5 Female and 16 Male Winners in the year 1996
- There were 6 Female and 15 Male Winners in the year 1997
- There were 5 Female and 16 Male Winners in the year 1998
- There were 4 Female and 16 Male Winners in the year 1999
- There were 3 Female and 15 Male Winners in the year 2000
- There were 5 Female and 14 Male Winners in the year 2001
- There were 5 Female and 14 Male Winners in the year 2002
- There were 4 Female and 16 Male Winners in the year 2003
- There were 6 Female and 13 Male Winners in the year 2004
- There were 5 Female and 16 Male Winners in the year 2005
- There were 5 Female and 16 Male Winners in the year 2006
- There were 6 Female and 16 Male Winners in the year 2007
- There were 6 Female and 15 Male Winners in the year 2008
- There were 3 Female and 18 Male Winners in the year 2009
- There were 4 Female and 16 Male Winners in the year 2010
- There were 3 Female and 18 Male Winners in the year 2011
- There were 4 Female and 17 Male Winners in the year 2012
- There were 6 Female and 16 Male Winners in the year 2013
- There were 5 Female and 16 Male Winners in the year 2014
- There were 5 Female and 16 Male Winners in the year 2015
- There were 7 Female and 15 Male Winners in the year 2016
- There were 5 Female and 12 Male Winners in the year 2017

Approach taken: -

I used Pivot Table to organise the information and to get the total number of Male and Female winners for each year.

The answer can be found in the sheet named "Answer 2 & 3" (Cell Range E2:E90)

Answer 3: -

- There were 301 Female and 1370 Male Winners overall

Approach taken: -

- I used Pivot Table to organise the information and to get the Grand total number of Male and Female winners overall.

The answer can be found in the sheet named "Answer 2 & 3" (Cell E91)

Answer 4: -

- John Ford won 4 Academy awards in the category of Best Director
- Frank Capra won 3 Academy awards in the category of Best Director
- William Wyler won 3 Academy awards in the category of Best Director
- George Stevens won 2 Academy awards in the category of Best Director
- Lewis Milestone won 2 Academy awards in the category of Best Director
- Joseph L. Mankiewicz won 2 Academy awards in the category of Best Director
- David Lean won 2 Academy awards in the category of Best Director
- Oliver Stone won 2 Academy awards in the category of Best Director
- Elia Kazan won 2 Academy awards in the category of Best Director
- Billy Wilder won 2 Academy awards in the category of Best Director
- Frank Borzage won 2 Academy awards in the category of Best Director
- Leo McCarey won 2 Academy awards in the category of Best Director
- Ang Lee won 2 Academy awards in the category of Best Director
- Milos Forman won 2 Academy awards in the category of Best Director
- Steven Spielberg won 2 Academy awards in the category of Best Director
- Clint Eastwood won 2 Academy awards in the category of Best Director
- Fred Zinnemann won 2 Academy awards in the category of Best Director
- Frank Lloyd won 2 Academy awards in the category of Best Director
- Alejandro Gonzalez Inarritu won 2 Academy awards in the category of Best Director

Approach taken: -

- I used Pivot Table to organise & Filter the information to find which Directors have more than one academy awards and total number of awards won by them.

The answer can be found in the sheet named "Answer 4" (Cell Range C3:C22)

An Interesting Trend: -

It is interesting to observe the difference between Female and Male winners over time. Female winners range between 1-7 over the years, whereas Male winners range between 6-23. The gap is narrowing down.

