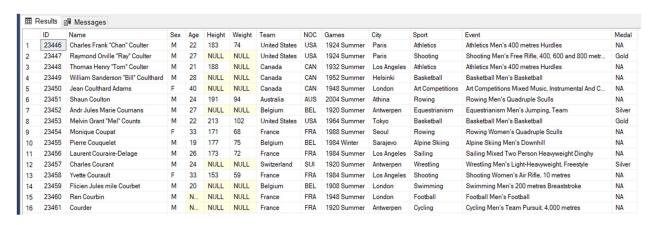# Report of Olympic Games Analysis
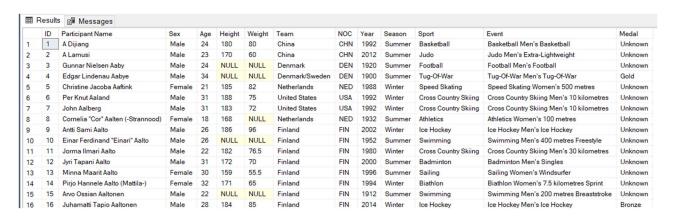
Original Dataset contains:

- Duplicate Values
- Unordered ID
- Abbreviated Names
- Games column contains Year and Season
- Unwanted Columns

	ID	Name	Sex	Age	Height	Weight	Team	NOC	Games	City	Sport	Event	Medal
1	23446	Charles Frank "Chan" Coulter	M	22	183	74	United States	USA	1924 Summer	Paris	Athletics	Athletics Men's 400 metres Hurdles	NA
2	23447	Raymond Orville "Ray" Coulter	M	27	NULL	NULL	United States	USA	1924 Summer	Paris	Shooting	Shooting Men's Free Rifle, 400, 600 and 800 metr...	Gold
3	23448	Thomas Henry "Tom" Coulter	M	21	188	NULL	Canada	CAN	1932 Summer	Los Angeles	Athletics	Athletics Men's 400 metres Hurdles	NA
4	23449	William Sanderson "Bill" Coulthard	M	28	NULL	NULL	Canada	CAN	1952 Summer	Helsinki	Basketball	Basketball Men's Basketball	NA
5	23450	Jean Coulthard Adams	F	40	NULL	NULL	Canada	CAN	1948 Summer	London	Art Competitions	Art Competitions Mixed Music, Instrumental And C...	NA
6	23451	Shaun Coulton	M	24	191	94	Australia	AUS	2004 Summer	Athina	Rowing	Rowing Men's Quadruple Sculls	NA
7	23452	Andr Jules Marie Coumans	M	27	NULL	NULL	Belgium	BEL	1920 Summer	Antwerpen	Equestrianism	Equestrianism Men's Jumping, Team	Silver
8	23453	Melvin Grant "Mel" Counts	M	22	213	102	United States	USA	1964 Summer	Tokyo	Basketball	Basketball Men's Basketball	Gold
9	23454	Monique Coupat	F	33	171	68	France	FRA	1988 Summer	Seoul	Rowing	Rowing Women's Quadruple Sculls	NA
10	23455	Pierre Couquelet	M	19	177	75	Belgium	BEL	1984 Winter	Sarajevo	Alpine Skiing	Alpine Skiing Men's Downhill	NA
11	23456	Laurent Couraire-Delage	M	26	173	72	France	FRA	1984 Summer	Los Angeles	Sailing	Sailing Mixed Two Person Heavyweight Dinghy	NA
12	23457	Charles Courant	M	24	NULL	NULL	Switzerland	SUI	1920 Summer	Antwerpen	Wrestling	Wrestling Men's Light-Heavyweight, Freestyle	Silver
13	23458	Yvette Courault	F	33	153	59	France	FRA	1984 Summer	Los Angeles	Shooting	Shooting Women's Air Rifle, 10 metres	NA
14	23459	Flicien Jules mile Courbet	M	20	NULL	NULL	Belgium	BEL	1908 Summer	London	Swimming	Swimming Men's 200 metres Breaststroke	NA
15	23460	Ren Courbin	M	N...	NULL	NULL	France	FRA	1948 Summer	London	Football	Football Men's Football	NA
16	23461	Courder	M	N...	NULL	NULL	France	FRA	1920 Summer	Antwerpen	Cycling	Cycling Men's Team Pursuit, 4,000 metres	NA

In Data Cleaning,

- Removed Duplicate Values by MS Excel
- Ordered ID by 'ORDER BY'
- Renamed:
    - In Sex, 'M' = Male and 'F' = Female
    - In medals, 'NA' = Unknown
- By Using CHARINDEX, Split Games Column into Year and Season.
- Removed Unwanted Column – 'City'

	ID	Participant Name	Sex	Age	Height	Weight	Team	NOC	Year	Season	Sport	Event	Medal
1	1	A Dijiang	Male	24	180	80	China	CHN	1992	Summer	Basketball	Basketball Men's Basketball	Unknown
2	2	A Lamusi	Male	23	170	60	China	CHN	2012	Summer	Judo	Judo Men's Extra-Lightweight	Unknown
3	3	Gunnar Nielsen Aaby	Male	24	NULL	NULL	Denmark	DEN	1920	Summer	Football	Football Men's Football	Unknown
4	4	Edgar Lindenau Aabye	Male	34	NULL	NULL	Denmark/Sweden	DEN	1900	Summer	Tug-Of-War	Tug-Of-War Men's Tug-Of-War	Gold
5	5	Christine Jacoba Aaftink	Female	21	185	82	Netherlands	NED	1988	Winter	Speed Skating	Speed Skating Women's 500 metres	Unknown
6	6	Per Knut Aaland	Male	31	188	75	United States	USA	1992	Winter	Cross Country Skiing	Cross Country Skiing Men's 10 kilometres	Unknown
7	7	John Aalberg	Male	31	183	72	United States	USA	1992	Winter	Cross Country Skiing	Cross Country Skiing Men's 10 kilometres	Unknown
8	8	Cornelia "Cor" Aalten (-Strannood)	Female	18	168	NULL	Netherlands	NED	1932	Summer	Athletics	Athletics Women's 100 metres	Unknown
9	9	Antti Sami Aalto	Male	26	186	96	Finland	FIN	2002	Winter	Ice Hockey	Ice Hockey Men's Ice Hockey	Unknown
10	10	Einar Ferdinand "Einari" Aalto	Male	26	NULL	NULL	Finland	FIN	1952	Summer	Swimming	Swimming Men's 400 metres Freestyle	Unknown
11	11	Jorma Ilmari Aalto	Male	22	182	76.5	Finland	FIN	1980	Winter	Cross Country Skiing	Cross Country Skiing Men's 30 kilometres	Unknown
12	12	Jyri Tapani Aalto	Male	31	172	70	Finland	FIN	2000	Summer	Badminton	Badminton Men's Singles	Unknown
13	13	Minna Maarit Aalto	Female	30	159	55.5	Finland	FIN	1996	Summer	Sailing	Sailing Women's Windsurfer	Unknown
14	14	Pirjo Hannele Aalto (Mattila-)	Female	32	171	65	Finland	FIN	1994	Winter	Biathlon	Biathlon Women's 7.5 kilometres Sprint	Unknown
15	15	Arvo Ossian Aaltonen	Male	22	NULL	NULL	Finland	FIN	1912	Summer	Swimming	Swimming Men's 200 metres Breaststroke	Unknown
16	16	Juhamatti Tapio Aaltonen	Male	28	184	85	Finland	FIN	2014	Winter	Ice Hockey	Ice Hockey Men's Ice Hockey	Bronze

VISUALIZATION: