

SQL 的五十道練習

排序查詢結果

數據交點 | 郭耀仁 yaojenkuo@datainpoint.com

這個章節要學起來的 SQL 保留字

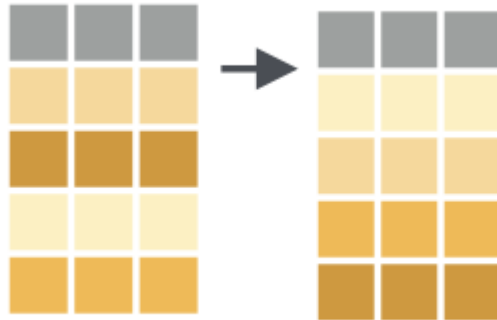
- ORDER BY
- ASC
- DESC

以 ORDER BY 排序查詢結果

截至目前，我們所獲得的查詢結果是依據觀測值在資料表中所存放的順序呈現

加入 **ORDER BY** 能夠以指定變數的大小來排序查詢結果

```
SELECT column_names  
FROM table_name  
ORDER BY column_names;
```



排序方式有兩種：

1. 遞增（或稱升冪）排序。
2. 遞減（或稱降冪）排序。

預設的排序方式為遞增

In [5]:

```
SELECT *  
FROM movies  
ORDER BY rating;
```

Out[5]:

id	title	release_year	rating	director	runtime
152	Three Billboards Outside Ebbing, Missouri	2017	8.1	Martin McDonagh	115
154	Chinatown	1974	8.1	Roman Polanski	130
156	No Country for Old Men	2007	8.1	Ethan Coen	122
158	Inside Out	2015	8.1	Pete Docter	95
159	The Thing	1982	8.1	John Carpenter	109
160	The Elephant Man	1980	8.1	David Lynch	124
162	The Sixth Sense	1999	8.1	M. Night Shyamalan	107
164	Jurassic Park	1993	8.1	Steven Spielberg	127
166	Trainspotting	1996	8.1	Danny Boyle	93
168	The Truman Show	1998	8.1	Peter Weir	103
169	Gone with the Wind	1939	8.1	Victor Fleming	238
170	Finding Nemo	2003	8.1	Andrew Stanton	100
173	Memories of Murder	2003	8.1	Bong Joon Ho	132
174	Kill Bill: Vol. 1	2003	8.1	Quentin Tarantino	111
175	Blade Runner	1982	8.1	Ridley Scott	117
176	The Bridge on the River Kwai	1957	8.1	David Lean	161
177	Fargo	1996	8.1	Joel Coen	98
178	Wild Tales	2014	8.1	Damián Szifron	122
179	Room	2015	8.1	Lenny Abrahamson	118
181	The Third Man	1949	8.1	Carol Reed	93
182	Gran Torino	2008	8.1	Clint Eastwood	116
183	On the Waterfront	1954	8.1	Elia Kazan	108
184	The Deer Hunter	1978	8.1	Michael Cimino	183
185	In the Name of the Father	1993	8.1	Jim Sheridan	133
186	Mary and Max	2009	8.1	Adam Elliot	92

187	Before Sunrise	1995	8.1	Richard Linklater	101
188	The Grand Budapest Hotel	2014	8.1	Wes Anderson	99
189	Catch Me If You Can	2002	8.1	Steven Spielberg	141
190	Gone Girl	2014	8.1	David Fincher	149
191	Hacksaw Ridge	2016	8.1	Mel Gibson	139
192	Prisoners	2013	8.1	Denis Villeneuve	153
193	Persona	1966	8.1	Ingmar Bergman	83
196	The Big Lebowski	1998	8.1	Joel Coen	117
198	Barry Lyndon	1975	8.1	Stanley Kubrick	185
199	The General	1926	8.1	Clyde Bruckman	67
200	How to Train Your Dragon	2010	8.1	Dean DeBlois	98
201	Ford v Ferrari	2019	8.1	James Mangold	152
202	12 Years a Slave	2013	8.1	Steve McQueen	134
205	Mr. Smith Goes to Washington	1939	8.1	Frank Capra	129
206	Mad Max: Fury Road	2015	8.1	George Miller	120
208	Dead Poets Society	1989	8.1	Peter Weir	128
209	Million Dollar Baby	2004	8.1	Clint Eastwood	132
210	Harry Potter and the Deathly Hallows: Part 2	2011	8.1	David Yates	130
211	Stand by Me	1986	8.1	Rob Reiner	89
212	Network	1976	8.1	Sidney Lumet	121
213	Ben-Hur	1959	8.1	William Wyler	212
214	Hachi: A Dog's Tale	2009	8.1	Lasse Hallström	93
215	The Handmaiden	2016	8.1	Chan-wook Park	145
216	Cool Hand Luke	1967	8.1	Stuart Rosenberg	127
217	Logan	2017	8.1	James Mangold	137
218	Platoon	1986	8.1	Oliver Stone	120
219	The Wages of Fear	1953	8.1	Henri-Georges Clouzot	131
220	Into the Wild	2007	8.1	Sean Penn	148
221	Rush	2013	8.1	Ron Howard	123
222	La Haine	1995	8.1	Mathieu Kassovitz	98
223	Monty Python's Life of Brian	1979	8.1	Terry Jones	94
224	The 400 Blows	1959	8.1	François Truffaut	99
225	The Passion of Joan of Arc	1928	8.1	Carl Theodor Dreyer	114
226	Spotlight	2015	8.1	Tom McCarthy	129

228	Hotel Rwanda	2004	8.1	Terry George	121
230	Amores Perros	2000	8.1	Alejandro G. Iñárritu	154
231	Soul	2020	8.1	Pete Docter	100
232	Andrei Rublev	1966	8.1	Andrei Tarkovsky	205
233	Monsters, Inc.	2001	8.1	Pete Docter	92
234	Rocky	1976	8.1	John G. Avildsen	120
235	Nausicaä of the Valley of the Wind	1984	8.1	Hayao Miyazaki	117
236	Rebecca	1940	8.1	Alfred Hitchcock	130
238	Before Sunset	2004	8.1	Richard Linklater	80
239	In the Mood for Love	2000	8.1	Kar-Wai Wong	98
240	Rififi	1955	8.1	Jules Dassin	118
242	Paris, Texas	1984	8.1	Wim Wenders	145
244	Portrait of a Lady on Fire	2019	8.1	Céline Sciamma	122
245	It Happened One Night	1934	8.1	Frank Capra	105
246	Neon Genesis Evangelion: The End of Evangelion	1997	8.1	Hideaki Anno	87
109	Taxi Driver	1976	8.2	Martin Scorsese	114
112	Toy Story 3	2010	8.2	Lee Unkrich	103
118	For a Few Dollars More	1965	8.2	Sergio Leone	132
120	To Kill a Mockingbird	1962	8.2	Robert Mulligan	129
121	Up	2009	8.2	Pete Docter	96
122	Indiana Jones and the Last Crusade	1989	8.2	Steven Spielberg	127
123	Heat	1995	8.2	Michael Mann	170
124	L.A. Confidential	1997	8.2	Curtis Hanson	138
125	Green Book	2018	8.2	Peter Farrelly	130
126	Die Hard	1988	8.2	John McTiernan	132
127	Batman Begins	2005	8.2	Christopher Nolan	140
128	Yojimbo	1961	8.2	Akira Kurosawa	110
129	Monty Python and the Holy Grail	1975	8.2	Terry Gilliam	91
130	Rashomon	1950	8.2	Akira Kurosawa	88
131	Downfall	2004	8.2	Oliver Hirschbiegel	156
133	Ran	1985	8.2	Akira Kurosawa	162
134	Unforgiven	1992	8.2	Clint Eastwood	130
135	Some Like It Hot	1959	8.2	Billy Wilder	121
136	Howl's Moving Castle	2004	8.2	Hayao Miyazaki	119

137	All About Eve	1950	8.2	Joseph L. Mankiewicz	138
138	Casino	1995	8.2	Martin Scorsese	178
139	A Beautiful Mind	2001	8.2	Ron Howard	135
140	The Wolf of Wall Street	2013	8.2	Martin Scorsese	180
141	The Great Escape	1963	8.2	John Sturges	172
142	Pan's Labyrinth	2006	8.2	Guillermo del Toro	118
143	There Will Be Blood	2007	8.2	Paul Thomas Anderson	158
144	The Secret in Their Eyes	2009	8.2	Juan José Campanella	129
145	Lock, Stock and Two Smoking Barrels	1998	8.2	Guy Ritchie	107
146	Judgment at Nuremberg	1961	8.2	Stanley Kramer	179
147	Raging Bull	1980	8.2	Martin Scorsese	129
148	My Neighbor Totoro	1988	8.2	Hayao Miyazaki	86
149	The Treasure of the Sierra Madre	1948	8.2	John Huston	126
150	Dial M for Murder	1954	8.2	Alfred Hitchcock	105
151	Shutter Island	2010	8.2	Martin Scorsese	138
153	The Gold Rush	1925	8.2	Charles Chaplin	95
157	V for Vendetta	2005	8.2	James McTeigue	132
161	The Seventh Seal	1957	8.2	Ingmar Bergman	96
163	Warrior	2011	8.2	Gavin O'Connor	140
165	Klaus	2019	8.2	Sergio Pablos	96
171	Stalker	1979	8.2	Andrei Tarkovsky	162
172	Wild Strawberries	1957	8.2	Ingmar Bergman	91
180	Tokyo Story	1953	8.2	Yasujiirô Ozu	136
195	Sherlock Jr.	1924	8.2	Buster Keaton	45
197	To Be or Not to Be	1942	8.2	Ernst Lubitsch	99
203	The Bandit	1996	8.2	Yavuz Turgul	128
204	Autumn Sonata	1978	8.2	Ingmar Bergman	99
229	Gangs of Wasseypur	2012	8.2	Anurag Kashyap	321
237	Time of the Gypsies	1988	8.2	Emir Kusturica	142
241	Rang De Basanti	2006	8.2	Rakeysh Omprakash Mehra	167
247	7 Kogustaki Mucize	2019	8.2	Mehmet Ada Öztekin	132
248	Tangerines	2013	8.2	Zaza Urushadze	87
249	Drishyam	2015	8.2	Nishikant Kamat	163
250	Swades	2004	8.2	Ashutosh Gowariker	189

74	Aliens	1986	8.3	James Cameron	137
78	American Beauty	1999	8.3	Sam Mendes	122
79	Braveheart	1995	8.3	Mel Gibson	178
81	Das Boot	1981	8.3	Wolfgang Petersen	149
82	Toy Story	1995	8.3	John Lasseter	81
84	Amadeus	1984	8.3	Milos Forman	160
85	Inglourious Basterds	2009	8.3	Quentin Tarantino	153
86	Good Will Hunting	1997	8.3	Gus Van Sant	126
87	Star Wars: Episode VI - Return of the Jedi	1983	8.3	Richard Marquand	131
89	Reservoir Dogs	1992	8.3	Quentin Tarantino	99
90	2001: A Space Odyssey	1968	8.3	Stanley Kubrick	149
91	Requiem for a Dream	2000	8.3	Darren Aronofsky	102
92	The Hunt	2012	8.3	Thomas Vinterberg	115
93	Vertigo	1958	8.3	Alfred Hitchcock	128
94	M	1931	8.3	Fritz Lang	99
95	Eternal Sunshine of the Spotless Mind	2004	8.3	Michel Gondry	108
96	Citizen Kane	1941	8.3	Orson Welles	119
98	Singin' in the Rain	1952	8.3	Stanley Donen	103
99	The Kid	1921	8.3	Charles Chaplin	68
100	Bicycle Thieves	1948	8.3	Vittorio De Sica	89
101	Full Metal Jacket	1987	8.3	Stanley Kubrick	116
102	Come and See	1985	8.3	Elem Klimov	142
103	Snatch	2000	8.3	Guy Ritchie	102
104	Ikiru	1952	8.3	Akira Kurosawa	143
105	North by Northwest	1959	8.3	Alfred Hitchcock	136
106	A Clockwork Orange	1971	8.3	Stanley Kubrick	136
107	Scarface	1983	8.3	Brian De Palma	170
108	1917	2019	8.3	Sam Mendes	119
110	Incendies	2010	8.3	Denis Villeneuve	131
111	A Separation	2011	8.3	Asghar Farhadi	123
113	The Sting	1973	8.3	George Roy Hill	129
114	Lawrence of Arabia	1962	8.3	David Lean	228
115	Amélie	2001	8.3	Jean-Pierre Jeunet	122
116	Metropolis	1927	8.3	Fritz Lang	153

117	The Apartment	1960	8.3	Billy Wilder	125
119	Double Indemnity	1944	8.3	Billy Wilder	107
132	Children of Heaven	1997	8.3	Majid Majidi	89
155	My Father and My Son	2005	8.3	Çagan Irmak	112
167	Zack Snyder's Justice League	2021	8.3	Zack Snyder	242
194	Andhadhun	2018	8.3	Sriram Raghavan	139
207	Anand	1971	8.3	Hrishikesh Mukherjee	122
51	Rear Window	1954	8.4	Alfred Hitchcock	112
52	Alien	1979	8.4	Ridley Scott	117
53	Apocalypse Now	1979	8.4	Francis Ford Coppola	147
54	Memento	2000	8.4	Christopher Nolan	113
55	The Great Dictator	1940	8.4	Charles Chaplin	125
56	Indiana Jones and the Raiders of the Lost Ark	1981	8.4	Steven Spielberg	115
57	Django Unchained	2012	8.4	Quentin Tarantino	165
58	The Lives of Others	2006	8.4	Florian Henckel von Donnersmarck	137
60	Paths of Glory	1957	8.4	Stanley Kubrick	88
61	WALL·E	2008	8.4	Andrew Stanton	98
62	Joker	2019	8.4	Todd Phillips	122
63	The Shining	1980	8.4	Stanley Kubrick	146
64	Avengers: Infinity War	2018	8.4	Anthony Russo	149
65	Sunset Blvd.	1950	8.4	Billy Wilder	110
66	Witness for the Prosecution	1957	8.4	Billy Wilder	116
67	Oldboy	2003	8.4	Chan-wook Park	120
68	Spider-Man: Into the Spider-Verse	2018	8.4	Bob Persichetti	117
69	Princess Mononoke	1997	8.4	Hayao Miyazaki	134
70	Dr. Strangelove or: How I Learned to Stop Worrying and Love the Bomb	1964	8.4	Stanley Kubrick	95
71	The Dark Knight Rises	2012	8.4	Christopher Nolan	164
72	Once Upon a Time in America	1984	8.4	Sergio Leone	229
73	Your Name.	2016	8.4	Makoto Shinkai	106
75	Coco	2017	8.4	Lee Unkrich	105
76	Avengers: Endgame	2019	8.4	Anthony Russo	181
77	Capernaum	2018	8.4	Nadine Labaki	126
80	High and Low	1963	8.4	Akira Kurosawa	143
83	3 Idiots	2009	8.4	Rajkumar Hirani	170

88	Like Stars on Earth	2007	8.4	Aamir Khan	165
97	Dangal	2016	8.4	Nitesh Tiwari	161
243	Drishyam	2013	8.4	Jeethu Joseph	160
31	Léon: The Professional	1994	8.5	Luc Besson	110
33	The Usual Suspects	1995	8.5	Bryan Singer	106
34	The Lion King	1994	8.5	Roger Allers	88
35	The Pianist	2002	8.5	Roman Polanski	150
36	Terminator 2: Judgment Day	1991	8.5	James Cameron	137
37	Back to the Future	1985	8.5	Robert Zemeckis	116
38	American History X	1998	8.5	Tony Kaye	119
39	Modern Times	1936	8.5	Charles Chaplin	87
40	Gladiator	2000	8.5	Ridley Scott	155
41	Psycho	1960	8.5	Alfred Hitchcock	109
42	The Departed	2006	8.5	Martin Scorsese	151
43	City Lights	1931	8.5	Charles Chaplin	87
44	The Intouchables	2011	8.5	Olivier Nakache	112
45	Whiplash	2014	8.5	Damien Chazelle	106
46	Grave of the Fireflies	1988	8.5	Isao Takahata	89
47	The Prestige	2006	8.5	Christopher Nolan	130
48	Once Upon a Time in the West	1968	8.5	Sergio Leone	165
49	Casablanca	1942	8.5	Michael Curtiz	102
50	Cinema Paradiso	1988	8.5	Giuseppe Tornatore	155
59	Hamilton	2020	8.5	Thomas Kail	160
227	Raatchasan	2018	8.5	Ram Kumar	170
19	Seven Samurai	1954	8.6	Akira Kurosawa	207
20	Se7en	1995	8.6	David Fincher	127
21	Life Is Beautiful	1997	8.6	Roberto Benigni	116
22	City of God	2002	8.6	Fernando Meirelles	130
23	The Silence of the Lambs	1991	8.6	Jonathan Demme	118
24	It's a Wonderful Life	1946	8.6	Frank Capra	130
25	Star Wars: Episode IV - A New Hope	1977	8.6	George Lucas	121
26	Saving Private Ryan	1998	8.6	Steven Spielberg	169
27	The Green Mile	1999	8.6	Frank Darabont	189
28	Spirited Away	2001	8.6	Hayao Miyazaki	125

29	Interstellar	2014	8.6	Christopher Nolan	169
30	Parasite	2019	8.6	Bong Joon Ho	132
32	Hara-Kiri	1962	8.6	Masaki Kobayashi	133
14	The Lord of the Rings: The Two Towers	2002	8.7	Peter Jackson	179
15	Star Wars: Episode V - The Empire Strikes Back	1980	8.7	Irvin Kershner	124
16	The Matrix	1999	8.7	Lana Wachowski	136
17	Goodfellas	1990	8.7	Martin Scorsese	146
18	One Flew Over the Cuckoo's Nest	1975	8.7	Milos Forman	133
9	The Good, the Bad and the Ugly	1966	8.8	Sergio Leone	178
10	The Lord of the Rings: The Fellowship of the Ring	2001	8.8	Peter Jackson	178
11	Fight Club	1999	8.8	David Fincher	139
12	Forrest Gump	1994	8.8	Robert Zemeckis	142
13	Inception	2010	8.8	Christopher Nolan	148
6	Schindler's List	1993	8.9	Steven Spielberg	195
7	The Lord of the Rings: The Return of the King	2003	8.9	Peter Jackson	201
8	Pulp Fiction	1994	8.9	Quentin Tarantino	154
3	The Godfather: Part II	1974	9	Francis Ford Coppola	202
4	The Dark Knight	2008	9	Christopher Nolan	152
5	12 Angry Men	1957	9	Sidney Lumet	96
2	The Godfather	1972	9.2	Francis Ford Coppola	175
1	The Shawshank Redemption	1994	9.3	Frank Darabont	142

250 rows in set (0.01 sec)

如果想「明確」表達遞增排序，可以加上保留字 **ASC** (Ascending)，但這麼做會顯得有些多餘

In [13]:

```
SELECT *  
FROM movies  
ORDER BY rating ASC;
```

Out[13]:

id	title	release_year	rating	director	runtime
152	Three Billboards Outside Ebbing, Missouri	2017	8.1	Martin McDonagh	115
154	Chinatown	1974	8.1	Roman Polanski	130
156	No Country for Old Men	2007	8.1	Ethan Coen	122
158	Inside Out	2015	8.1	Pete Docter	95
159	The Thing	1982	8.1	John Carpenter	109
160	The Elephant Man	1980	8.1	David Lynch	124
162	The Sixth Sense	1999	8.1	M. Night Shyamalan	107
164	Jurassic Park	1993	8.1	Steven Spielberg	127
166	Trainspotting	1996	8.1	Danny Boyle	93
168	The Truman Show	1998	8.1	Peter Weir	103
169	Gone with the Wind	1939	8.1	Victor Fleming	238
170	Finding Nemo	2003	8.1	Andrew Stanton	100
173	Memories of Murder	2003	8.1	Bong Joon Ho	132
174	Kill Bill: Vol. 1	2003	8.1	Quentin Tarantino	111
175	Blade Runner	1982	8.1	Ridley Scott	117
176	The Bridge on the River Kwai	1957	8.1	David Lean	161
177	Fargo	1996	8.1	Joel Coen	98
178	Wild Tales	2014	8.1	Damián Szifron	122
179	Room	2015	8.1	Lenny Abrahamson	118
181	The Third Man	1949	8.1	Carol Reed	93
182	Gran Torino	2008	8.1	Clint Eastwood	116
183	On the Waterfront	1954	8.1	Elia Kazan	108
184	The Deer Hunter	1978	8.1	Michael Cimino	183

185	In the Name of the Father	1993	8.1	Jim Sheridan	133
186	Mary and Max	2009	8.1	Adam Elliot	92
187	Before Sunrise	1995	8.1	Richard Linklater	101
188	The Grand Budapest Hotel	2014	8.1	Wes Anderson	99
189	Catch Me If You Can	2002	8.1	Steven Spielberg	141
190	Gone Girl	2014	8.1	David Fincher	149
191	Hacksaw Ridge	2016	8.1	Mel Gibson	139
192	Prisoners	2013	8.1	Denis Villeneuve	153
193	Persona	1966	8.1	Ingmar Bergman	83
196	The Big Lebowski	1998	8.1	Joel Coen	117
198	Barry Lyndon	1975	8.1	Stanley Kubrick	185
199	The General	1926	8.1	Clyde Bruckman	67
200	How to Train Your Dragon	2010	8.1	Dean DeBlois	98
201	Ford v Ferrari	2019	8.1	James Mangold	152
202	12 Years a Slave	2013	8.1	Steve McQueen	134
205	Mr. Smith Goes to Washington	1939	8.1	Frank Capra	129
206	Mad Max: Fury Road	2015	8.1	George Miller	120
208	Dead Poets Society	1989	8.1	Peter Weir	128
209	Million Dollar Baby	2004	8.1	Clint Eastwood	132
210	Harry Potter and the Deathly Hallows: Part 2	2011	8.1	David Yates	130
211	Stand by Me	1986	8.1	Rob Reiner	89
212	Network	1976	8.1	Sidney Lumet	121
213	Ben-Hur	1959	8.1	William Wyler	212
214	Hachi: A Dog's Tale	2009	8.1	Lasse Hallström	93
215	The Handmaiden	2016	8.1	Chan-wook Park	145
216	Cool Hand Luke	1967	8.1	Stuart Rosenberg	127
217	Logan	2017	8.1	James Mangold	137
218	Platoon	1986	8.1	Oliver Stone	120
219	The Wages of Fear	1953	8.1	Henri-Georges Clouzot	131
220	Into the Wild	2007	8.1	Sean Penn	148
221	Rush	2013	8.1	Ron Howard	123
222	La Haine	1995	8.1	Mathieu Kassovitz	98
223	Monty Python's Life of Brian	1979	8.1	Terry Jones	94
224	The 400 Blows	1959	8.1	François Truffaut	99

225	The Passion of Joan of Arc	1928	8.1	Carl Theodor Dreyer	114
226	Spotlight	2015	8.1	Tom McCarthy	129
228	Hotel Rwanda	2004	8.1	Terry George	121
230	Amores Perros	2000	8.1	Alejandro G. Iñárritu	154
231	Soul	2020	8.1	Pete Docter	100
232	Andrei Rublev	1966	8.1	Andrei Tarkovsky	205
233	Monsters, Inc.	2001	8.1	Pete Docter	92
234	Rocky	1976	8.1	John G. Avildsen	120
235	Nausicaä of the Valley of the Wind	1984	8.1	Hayao Miyazaki	117
236	Rebecca	1940	8.1	Alfred Hitchcock	130
238	Before Sunset	2004	8.1	Richard Linklater	80
239	In the Mood for Love	2000	8.1	Kar-Wai Wong	98
240	Rififi	1955	8.1	Jules Dassin	118
242	Paris, Texas	1984	8.1	Wim Wenders	145
244	Portrait of a Lady on Fire	2019	8.1	Céline Sciamma	122
245	It Happened One Night	1934	8.1	Frank Capra	105
246	Neon Genesis Evangelion: The End of Evangelion	1997	8.1	Hideaki Anno	87
109	Taxi Driver	1976	8.2	Martin Scorsese	114
112	Toy Story 3	2010	8.2	Lee Unkrich	103
118	For a Few Dollars More	1965	8.2	Sergio Leone	132
120	To Kill a Mockingbird	1962	8.2	Robert Mulligan	129
121	Up	2009	8.2	Pete Docter	96
122	Indiana Jones and the Last Crusade	1989	8.2	Steven Spielberg	127
123	Heat	1995	8.2	Michael Mann	170
124	L.A. Confidential	1997	8.2	Curtis Hanson	138
125	Green Book	2018	8.2	Peter Farrelly	130
126	Die Hard	1988	8.2	John McTiernan	132
127	Batman Begins	2005	8.2	Christopher Nolan	140
128	Yojimbo	1961	8.2	Akira Kurosawa	110
129	Monty Python and the Holy Grail	1975	8.2	Terry Gilliam	91
130	Rashomon	1950	8.2	Akira Kurosawa	88
131	Downfall	2004	8.2	Oliver Hirschbiegel	156
133	Ran	1985	8.2	Akira Kurosawa	162
134	Unforgiven	1992	8.2	Clint Eastwood	130

135	Some Like It Hot	1959	8.2	Billy Wilder	121
136	Howl's Moving Castle	2004	8.2	Hayao Miyazaki	119
137	All About Eve	1950	8.2	Joseph L. Mankiewicz	138
138	Casino	1995	8.2	Martin Scorsese	178
139	A Beautiful Mind	2001	8.2	Ron Howard	135
140	The Wolf of Wall Street	2013	8.2	Martin Scorsese	180
141	The Great Escape	1963	8.2	John Sturges	172
142	Pan's Labyrinth	2006	8.2	Guillermo del Toro	118
143	There Will Be Blood	2007	8.2	Paul Thomas Anderson	158
144	The Secret in Their Eyes	2009	8.2	Juan José Campanella	129
145	Lock, Stock and Two Smoking Barrels	1998	8.2	Guy Ritchie	107
146	Judgment at Nuremberg	1961	8.2	Stanley Kramer	179
147	Raging Bull	1980	8.2	Martin Scorsese	129
148	My Neighbor Totoro	1988	8.2	Hayao Miyazaki	86
149	The Treasure of the Sierra Madre	1948	8.2	John Huston	126
150	Dial M for Murder	1954	8.2	Alfred Hitchcock	105
151	Shutter Island	2010	8.2	Martin Scorsese	138
153	The Gold Rush	1925	8.2	Charles Chaplin	95
157	V for Vendetta	2005	8.2	James McTeigue	132
161	The Seventh Seal	1957	8.2	Ingmar Bergman	96
163	Warrior	2011	8.2	Gavin O'Connor	140
165	Klaus	2019	8.2	Sergio Pablos	96
171	Stalker	1979	8.2	Andrei Tarkovsky	162
172	Wild Strawberries	1957	8.2	Ingmar Bergman	91
180	Tokyo Story	1953	8.2	Yasujiro Ozu	136
195	Sherlock Jr.	1924	8.2	Buster Keaton	45
197	To Be or Not to Be	1942	8.2	Ernst Lubitsch	99
203	The Bandit	1996	8.2	Yavuz Turgul	128
204	Autumn Sonata	1978	8.2	Ingmar Bergman	99
229	Gangs of Wasseypur	2012	8.2	Anurag Kashyap	321
237	Time of the Gypsies	1988	8.2	Emir Kusturica	142
241	Rang De Basanti	2006	8.2	Rakeysh Omprakash Mehra	167
247	7 Kogustaki Mucize	2019	8.2	Mehmet Ada Öztekin	132
248	Tangerines	2013	8.2	Zaza Urushadze	87

249	Drishyam	2015	8.2	Nishikant Kamat	163
250	Swades	2004	8.2	Ashutosh Gowariker	189
74	Aliens	1986	8.3	James Cameron	137
78	American Beauty	1999	8.3	Sam Mendes	122
79	Braveheart	1995	8.3	Mel Gibson	178
81	Das Boot	1981	8.3	Wolfgang Petersen	149
82	Toy Story	1995	8.3	John Lasseter	81
84	Amadeus	1984	8.3	Milos Forman	160
85	Inglourious Basterds	2009	8.3	Quentin Tarantino	153
86	Good Will Hunting	1997	8.3	Gus Van Sant	126
87	Star Wars: Episode VI - Return of the Jedi	1983	8.3	Richard Marquand	131
89	Reservoir Dogs	1992	8.3	Quentin Tarantino	99
90	2001: A Space Odyssey	1968	8.3	Stanley Kubrick	149
91	Requiem for a Dream	2000	8.3	Darren Aronofsky	102
92	The Hunt	2012	8.3	Thomas Vinterberg	115
93	Vertigo	1958	8.3	Alfred Hitchcock	128
94	M	1931	8.3	Fritz Lang	99
95	Eternal Sunshine of the Spotless Mind	2004	8.3	Michel Gondry	108
96	Citizen Kane	1941	8.3	Orson Welles	119
98	Singin' in the Rain	1952	8.3	Stanley Donen	103
99	The Kid	1921	8.3	Charles Chaplin	68
100	Bicycle Thieves	1948	8.3	Vittorio De Sica	89
101	Full Metal Jacket	1987	8.3	Stanley Kubrick	116
102	Come and See	1985	8.3	Elem Klimov	142
103	Snatch	2000	8.3	Guy Ritchie	102
104	Ikiru	1952	8.3	Akira Kurosawa	143
105	North by Northwest	1959	8.3	Alfred Hitchcock	136
106	A Clockwork Orange	1971	8.3	Stanley Kubrick	136
107	Scarface	1983	8.3	Brian De Palma	170
108	1917	2019	8.3	Sam Mendes	119
110	Incendies	2010	8.3	Denis Villeneuve	131
111	A Separation	2011	8.3	Asghar Farhadi	123
113	The Sting	1973	8.3	George Roy Hill	129
114	Lawrence of Arabia	1962	8.3	David Lean	228

115	Amélie	2001	8.3	Jean-Pierre Jeunet	122
116	Metropolis	1927	8.3	Fritz Lang	153
117	The Apartment	1960	8.3	Billy Wilder	125
119	Double Indemnity	1944	8.3	Billy Wilder	107
132	Children of Heaven	1997	8.3	Majid Majidi	89
155	My Father and My Son	2005	8.3	Çagan Irmak	112
167	Zack Snyder's Justice League	2021	8.3	Zack Snyder	242
194	Andhadhun	2018	8.3	Sriram Raghavan	139
207	Anand	1971	8.3	Hrishikesh Mukherjee	122
51	Rear Window	1954	8.4	Alfred Hitchcock	112
52	Alien	1979	8.4	Ridley Scott	117
53	Apocalypse Now	1979	8.4	Francis Ford Coppola	147
54	Memento	2000	8.4	Christopher Nolan	113
55	The Great Dictator	1940	8.4	Charles Chaplin	125
56	Indiana Jones and the Raiders of the Lost Ark	1981	8.4	Steven Spielberg	115
57	Django Unchained	2012	8.4	Quentin Tarantino	165
58	The Lives of Others	2006	8.4	Florian Henckel von Donnersmarck	137
60	Paths of Glory	1957	8.4	Stanley Kubrick	88
61	WALL-E	2008	8.4	Andrew Stanton	98
62	Joker	2019	8.4	Todd Phillips	122
63	The Shining	1980	8.4	Stanley Kubrick	146
64	Avengers: Infinity War	2018	8.4	Anthony Russo	149
65	Sunset Blvd.	1950	8.4	Billy Wilder	110
66	Witness for the Prosecution	1957	8.4	Billy Wilder	116
67	Oldboy	2003	8.4	Chan-wook Park	120
68	Spider-Man: Into the Spider-Verse	2018	8.4	Bob Persichetti	117
69	Princess Mononoke	1997	8.4	Hayao Miyazaki	134
70	Dr. Strangelove or: How I Learned to Stop Worrying and Love the Bomb	1964	8.4	Stanley Kubrick	95
71	The Dark Knight Rises	2012	8.4	Christopher Nolan	164
72	Once Upon a Time in America	1984	8.4	Sergio Leone	229
73	Your Name.	2016	8.4	Makoto Shinkai	106
75	Coco	2017	8.4	Lee Unkrich	105
76	Avengers: Endgame	2019	8.4	Anthony Russo	181
77	Capernaum	2018	8.4	Nadine Labaki	126

80	High and Low	1963	8.4	Akira Kurosawa	143
83	3 Idiots	2009	8.4	Rajkumar Hirani	170
88	Like Stars on Earth	2007	8.4	Aamir Khan	165
97	Dangal	2016	8.4	Nitesh Tiwari	161
243	Drishyam	2013	8.4	Jeethu Joseph	160
31	Léon: The Professional	1994	8.5	Luc Besson	110
33	The Usual Suspects	1995	8.5	Bryan Singer	106
34	The Lion King	1994	8.5	Roger Allers	88
35	The Pianist	2002	8.5	Roman Polanski	150
36	Terminator 2: Judgment Day	1991	8.5	James Cameron	137
37	Back to the Future	1985	8.5	Robert Zemeckis	116
38	American History X	1998	8.5	Tony Kaye	119
39	Modern Times	1936	8.5	Charles Chaplin	87
40	Gladiator	2000	8.5	Ridley Scott	155
41	Psycho	1960	8.5	Alfred Hitchcock	109
42	The Departed	2006	8.5	Martin Scorsese	151
43	City Lights	1931	8.5	Charles Chaplin	87
44	The Intouchables	2011	8.5	Olivier Nakache	112
45	Whiplash	2014	8.5	Damien Chazelle	106
46	Grave of the Fireflies	1988	8.5	Isao Takahata	89
47	The Prestige	2006	8.5	Christopher Nolan	130
48	Once Upon a Time in the West	1968	8.5	Sergio Leone	165
49	Casablanca	1942	8.5	Michael Curtiz	102
50	Cinema Paradiso	1988	8.5	Giuseppe Tornatore	155
59	Hamilton	2020	8.5	Thomas Kail	160
227	Raatchasan	2018	8.5	Ram Kumar	170
19	Seven Samurai	1954	8.6	Akira Kurosawa	207
20	Se7en	1995	8.6	David Fincher	127
21	Life Is Beautiful	1997	8.6	Roberto Benigni	116
22	City of God	2002	8.6	Fernando Meirelles	130
23	The Silence of the Lambs	1991	8.6	Jonathan Demme	118
24	It's a Wonderful Life	1946	8.6	Frank Capra	130
25	Star Wars: Episode IV - A New Hope	1977	8.6	George Lucas	121
26	Saving Private Ryan	1998	8.6	Steven Spielberg	169

27	The Green Mile	1999	8.6	Frank Darabont	189
28	Spirited Away	2001	8.6	Hayao Miyazaki	125
29	Interstellar	2014	8.6	Christopher Nolan	169
30	Parasite	2019	8.6	Bong Joon Ho	132
32	Hara-Kiri	1962	8.6	Masaki Kobayashi	133
14	The Lord of the Rings: The Two Towers	2002	8.7	Peter Jackson	179
15	Star Wars: Episode V - The Empire Strikes Back	1980	8.7	Irvin Kershner	124
16	The Matrix	1999	8.7	Lana Wachowski	136
17	Goodfellas	1990	8.7	Martin Scorsese	146
18	One Flew Over the Cuckoo's Nest	1975	8.7	Milos Forman	133
9	The Good, the Bad and the Ugly	1966	8.8	Sergio Leone	178
10	The Lord of the Rings: The Fellowship of the Ring	2001	8.8	Peter Jackson	178
11	Fight Club	1999	8.8	David Fincher	139
12	Forrest Gump	1994	8.8	Robert Zemeckis	142
13	Inception	2010	8.8	Christopher Nolan	148
6	Schindler's List	1993	8.9	Steven Spielberg	195
7	The Lord of the Rings: The Return of the King	2003	8.9	Peter Jackson	201
8	Pulp Fiction	1994	8.9	Quentin Tarantino	154
3	The Godfather: Part II	1974	9	Francis Ford Coppola	202
4	The Dark Knight	2008	9	Christopher Nolan	152
5	12 Angry Men	1957	9	Sidney Lumet	96
2	The Godfather	1972	9.2	Francis Ford Coppola	175
1	The Shawshank Redemption	1994	9.3	Frank Darabont	142

250 rows in set (0.00 sec)

如果指定排序的變數是文字（ TEXT ）類型，遞增的規範是由 A 到 Z

In [7]:

```
SELECT *  
FROM movies  
ORDER BY director;
```

Out[7]:

id	title	release_year	rating	director	runtime
88	Like Stars on Earth	2007	8.4	Aamir Khan	165
186	Mary and Max	2009	8.1	Adam Elliot	92
19	Seven Samurai	1954	8.6	Akira Kurosawa	207
80	High and Low	1963	8.4	Akira Kurosawa	143
104	Ikiru	1952	8.3	Akira Kurosawa	143
128	Yojimbo	1961	8.2	Akira Kurosawa	110
130	Rashomon	1950	8.2	Akira Kurosawa	88
133	Ran	1985	8.2	Akira Kurosawa	162
230	Amores Perros	2000	8.1	Alejandro G. Iñárritu	154
41	Psycho	1960	8.5	Alfred Hitchcock	109
51	Rear Window	1954	8.4	Alfred Hitchcock	112
93	Vertigo	1958	8.3	Alfred Hitchcock	128
105	North by Northwest	1959	8.3	Alfred Hitchcock	136
150	Dial M for Murder	1954	8.2	Alfred Hitchcock	105
236	Rebecca	1940	8.1	Alfred Hitchcock	130
171	Stalker	1979	8.2	Andrei Tarkovsky	162
232	Andrei Rublev	1966	8.1	Andrei Tarkovsky	205
61	WALL-E	2008	8.4	Andrew Stanton	98
170	Finding Nemo	2003	8.1	Andrew Stanton	100
64	Avengers: Infinity War	2018	8.4	Anthony Russo	149
76	Avengers: Endgame	2019	8.4	Anthony Russo	181
229	Gangs of Wasseypur	2012	8.2	Anurag Kashyap	321
111	A Separation	2011	8.3	Asghar Farhadi	123

250	Swades	2004	8.2	Ashutosh Gowariker	189
65	Sunset Blvd.	1950	8.4	Billy Wilder	110
66	Witness for the Prosecution	1957	8.4	Billy Wilder	116
117	The Apartment	1960	8.3	Billy Wilder	125
119	Double Indemnity	1944	8.3	Billy Wilder	107
135	Some Like It Hot	1959	8.2	Billy Wilder	121
68	Spider-Man: Into the Spider-Verse	2018	8.4	Bob Persichetti	117
30	Parasite	2019	8.6	Bong Joon Ho	132
173	Memories of Murder	2003	8.1	Bong Joon Ho	132
107	Scarface	1983	8.3	Brian De Palma	170
33	The Usual Suspects	1995	8.5	Bryan Singer	106
195	Sherlock Jr.	1924	8.2	Buster Keaton	45
225	The Passion of Joan of Arc	1928	8.1	Carl Theodor Dreyer	114
181	The Third Man	1949	8.1	Carol Reed	93
67	Oldboy	2003	8.4	Chan-wook Park	120
215	The Handmaiden	2016	8.1	Chan-wook Park	145
39	Modern Times	1936	8.5	Charles Chaplin	87
43	City Lights	1931	8.5	Charles Chaplin	87
55	The Great Dictator	1940	8.4	Charles Chaplin	125
99	The Kid	1921	8.3	Charles Chaplin	68
153	The Gold Rush	1925	8.2	Charles Chaplin	95
4	The Dark Knight	2008	9	Christopher Nolan	152
13	Inception	2010	8.8	Christopher Nolan	148
29	Interstellar	2014	8.6	Christopher Nolan	169
47	The Prestige	2006	8.5	Christopher Nolan	130
54	Memento	2000	8.4	Christopher Nolan	113
71	The Dark Knight Rises	2012	8.4	Christopher Nolan	164
127	Batman Begins	2005	8.2	Christopher Nolan	140
134	Unforgiven	1992	8.2	Clint Eastwood	130
182	Gran Torino	2008	8.1	Clint Eastwood	116
209	Million Dollar Baby	2004	8.1	Clint Eastwood	132
199	The General	1926	8.1	Clyde Bruckman	67
124	L.A. Confidential	1997	8.2	Curtis Hanson	138
244	Portrait of a Lady on Fire	2019	8.1	Céline Sciamma	122

45	Whiplash	2014	8.5	Damien Chazelle	106
178	Wild Tales	2014	8.1	Damián Szifron	122
166	Trainspotting	1996	8.1	Danny Boyle	93
91	Requiem for a Dream	2000	8.3	Darren Aronofsky	102
11	Fight Club	1999	8.8	David Fincher	139
20	Se7en	1995	8.6	David Fincher	127
190	Gone Girl	2014	8.1	David Fincher	149
114	Lawrence of Arabia	1962	8.3	David Lean	228
176	The Bridge on the River Kwai	1957	8.1	David Lean	161
160	The Elephant Man	1980	8.1	David Lynch	124
210	Harry Potter and the Deathly Hallows: Part 2	2011	8.1	David Yates	130
200	How to Train Your Dragon	2010	8.1	Dean DeBlois	98
110	Incendies	2010	8.3	Denis Villeneuve	131
192	Prisoners	2013	8.1	Denis Villeneuve	153
102	Come and See	1985	8.3	Elem Klimov	142
183	On the Waterfront	1954	8.1	Elia Kazan	108
237	Time of the Gypsies	1988	8.2	Emir Kusturica	142
197	To Be or Not to Be	1942	8.2	Ernst Lubitsch	99
156	No Country for Old Men	2007	8.1	Ethan Coen	122
22	City of God	2002	8.6	Fernando Meirelles	130
58	The Lives of Others	2006	8.4	Florian Henckel von Donnersmarck	137
2	The Godfather	1972	9.2	Francis Ford Coppola	175
3	The Godfather: Part II	1974	9	Francis Ford Coppola	202
53	Apocalypse Now	1979	8.4	Francis Ford Coppola	147
24	It's a Wonderful Life	1946	8.6	Frank Capra	130
205	Mr. Smith Goes to Washington	1939	8.1	Frank Capra	129
245	It Happened One Night	1934	8.1	Frank Capra	105
1	The Shawshank Redemption	1994	9.3	Frank Darabont	142
27	The Green Mile	1999	8.6	Frank Darabont	189
224	The 400 Blows	1959	8.1	François Truffaut	99
94	M	1931	8.3	Fritz Lang	99
116	Metropolis	1927	8.3	Fritz Lang	153
163	Warrior	2011	8.2	Gavin O'Connor	140
25	Star Wars: Episode IV - A New Hope	1977	8.6	George Lucas	121

206	Mad Max: Fury Road	2015	8.1	George Miller	120
113	The Sting	1973	8.3	George Roy Hill	129
50	Cinema Paradiso	1988	8.5	Giuseppe Tornatore	155
142	Pan's Labyrinth	2006	8.2	Guillermo del Toro	118
86	Good Will Hunting	1997	8.3	Gus Van Sant	126
103	Snatch	2000	8.3	Guy Ritchie	102
145	Lock, Stock and Two Smoking Barrels	1998	8.2	Guy Ritchie	107
28	Spirited Away	2001	8.6	Hayao Miyazaki	125
69	Princess Mononoke	1997	8.4	Hayao Miyazaki	134
136	Howl's Moving Castle	2004	8.2	Hayao Miyazaki	119
148	My Neighbor Totoro	1988	8.2	Hayao Miyazaki	86
235	Nausicaä of the Valley of the Wind	1984	8.1	Hayao Miyazaki	117
219	The Wages of Fear	1953	8.1	Henri-Georges Clouzot	131
246	Neon Genesis Evangelion: The End of Evangelion	1997	8.1	Hideaki Anno	87
207	Anand	1971	8.3	Hrishikesh Mukherjee	122
161	The Seventh Seal	1957	8.2	Ingmar Bergman	96
172	Wild Strawberries	1957	8.2	Ingmar Bergman	91
193	Persona	1966	8.1	Ingmar Bergman	83
204	Autumn Sonata	1978	8.2	Ingmar Bergman	99
15	Star Wars: Episode V - The Empire Strikes Back	1980	8.7	Irvin Kershner	124
46	Grave of the Fireflies	1988	8.5	Isao Takahata	89
36	Terminator 2: Judgment Day	1991	8.5	James Cameron	137
74	Aliens	1986	8.3	James Cameron	137
201	Ford v Ferrari	2019	8.1	James Mangold	152
217	Logan	2017	8.1	James Mangold	137
157	V for Vendetta	2005	8.2	James McTeigue	132
115	Amélie	2001	8.3	Jean-Pierre Jeunet	122
243	Drishyam	2013	8.4	Jeethu Joseph	160
185	In the Name of the Father	1993	8.1	Jim Sheridan	133
177	Fargo	1996	8.1	Joel Coen	98
196	The Big Lebowski	1998	8.1	Joel Coen	117
159	The Thing	1982	8.1	John Carpenter	109
234	Rocky	1976	8.1	John G. Avildsen	120
149	The Treasure of the Sierra Madre	1948	8.2	John Huston	126

82	Toy Story	1995	8.3	John Lasseter	81
126	Die Hard	1988	8.2	John McTiernan	132
141	The Great Escape	1963	8.2	John Sturges	172
23	The Silence of the Lambs	1991	8.6	Jonathan Demme	118
137	All About Eve	1950	8.2	Joseph L. Mankiewicz	138
144	The Secret in Their Eyes	2009	8.2	Juan José Campanella	129
240	Rififi	1955	8.1	Jules Dassin	118
239	In the Mood for Love	2000	8.1	Kar-Wai Wong	98
16	The Matrix	1999	8.7	Lana Wachowski	136
214	Hachi: A Dog's Tale	2009	8.1	Lasse Hallström	93
75	Coco	2017	8.4	Lee Unkrich	105
112	Toy Story 3	2010	8.2	Lee Unkrich	103
179	Room	2015	8.1	Lenny Abrahamson	118
31	Léon: The Professional	1994	8.5	Luc Besson	110
162	The Sixth Sense	1999	8.1	M. Night Shyamalan	107
132	Children of Heaven	1997	8.3	Majid Majidi	89
73	Your Name.	2016	8.4	Makoto Shinkai	106
152	Three Billboards Outside Ebbing, Missouri	2017	8.1	Martin McDonagh	115
17	Goodfellas	1990	8.7	Martin Scorsese	146
42	The Departed	2006	8.5	Martin Scorsese	151
109	Taxi Driver	1976	8.2	Martin Scorsese	114
138	Casino	1995	8.2	Martin Scorsese	178
140	The Wolf of Wall Street	2013	8.2	Martin Scorsese	180
147	Raging Bull	1980	8.2	Martin Scorsese	129
151	Shutter Island	2010	8.2	Martin Scorsese	138
32	Hara-Kiri	1962	8.6	Masaki Kobayashi	133
222	La Haine	1995	8.1	Mathieu Kassovitz	98
247	7 Kogustaki Mucize	2019	8.2	Mehmet Ada Öztekin	132
79	Braveheart	1995	8.3	Mel Gibson	178
191	Hacksaw Ridge	2016	8.1	Mel Gibson	139
184	The Deer Hunter	1978	8.1	Michael Cimino	183
49	Casablanca	1942	8.5	Michael Curtiz	102
123	Heat	1995	8.2	Michael Mann	170
95	Eternal Sunshine of the Spotless Mind	2004	8.3	Michel Gondry	108

18	One Flew Over the Cuckoo's Nest	1975	8.7	Milos Forman	133
84	Amadeus	1984	8.3	Milos Forman	160
77	Capernaum	2018	8.4	Nadine Labaki	126
249	Drishyam	2015	8.2	Nishikant Kamat	163
97	Dangal	2016	8.4	Nitesh Tiwari	161
131	Downfall	2004	8.2	Oliver Hirschbiegel	156
218	Platoon	1986	8.1	Oliver Stone	120
44	The Intouchables	2011	8.5	Olivier Nakache	112
96	Citizen Kane	1941	8.3	Orson Welles	119
143	There Will Be Blood	2007	8.2	Paul Thomas Anderson	158
121	Up	2009	8.2	Pete Docter	96
158	Inside Out	2015	8.1	Pete Docter	95
231	Soul	2020	8.1	Pete Docter	100
233	Monsters, Inc.	2001	8.1	Pete Docter	92
125	Green Book	2018	8.2	Peter Farrelly	130
7	The Lord of the Rings: The Return of the King	2003	8.9	Peter Jackson	201
10	The Lord of the Rings: The Fellowship of the Ring	2001	8.8	Peter Jackson	178
14	The Lord of the Rings: The Two Towers	2002	8.7	Peter Jackson	179
168	The Truman Show	1998	8.1	Peter Weir	103
208	Dead Poets Society	1989	8.1	Peter Weir	128
8	Pulp Fiction	1994	8.9	Quentin Tarantino	154
57	Django Unchained	2012	8.4	Quentin Tarantino	165
85	Inglourious Basterds	2009	8.3	Quentin Tarantino	153
89	Reservoir Dogs	1992	8.3	Quentin Tarantino	99
174	Kill Bill: Vol. 1	2003	8.1	Quentin Tarantino	111
83	3 Idiots	2009	8.4	Rajkumar Hirani	170
241	Rang De Basanti	2006	8.2	Rakeysh Omprakash Mehra	167
227	Raatchasan	2018	8.5	Ram Kumar	170
187	Before Sunrise	1995	8.1	Richard Linklater	101
238	Before Sunset	2004	8.1	Richard Linklater	80
87	Star Wars: Episode VI - Return of the Jedi	1983	8.3	Richard Marquand	131
40	Gladiator	2000	8.5	Ridley Scott	155
52	Alien	1979	8.4	Ridley Scott	117
175	Blade Runner	1982	8.1	Ridley Scott	117

211	Stand by Me	1986	8.1	Rob Reiner	89
120	To Kill a Mockingbird	1962	8.2	Robert Mulligan	129
12	Forrest Gump	1994	8.8	Robert Zemeckis	142
37	Back to the Future	1985	8.5	Robert Zemeckis	116
21	Life Is Beautiful	1997	8.6	Roberto Benigni	116
34	The Lion King	1994	8.5	Roger Allers	88
35	The Pianist	2002	8.5	Roman Polanski	150
154	Chinatown	1974	8.1	Roman Polanski	130
139	A Beautiful Mind	2001	8.2	Ron Howard	135
221	Rush	2013	8.1	Ron Howard	123
78	American Beauty	1999	8.3	Sam Mendes	122
108	1917	2019	8.3	Sam Mendes	119
220	Into the Wild	2007	8.1	Sean Penn	148
9	The Good, the Bad and the Ugly	1966	8.8	Sergio Leone	178
48	Once Upon a Time in the West	1968	8.5	Sergio Leone	165
72	Once Upon a Time in America	1984	8.4	Sergio Leone	229
118	For a Few Dollars More	1965	8.2	Sergio Leone	132
165	Klaus	2019	8.2	Sergio Pablos	96
5	12 Angry Men	1957	9	Sidney Lumet	96
212	Network	1976	8.1	Sidney Lumet	121
194	Andhadhun	2018	8.3	Sriram Raghavan	139
98	Singin' in the Rain	1952	8.3	Stanley Donen	103
146	Judgment at Nuremberg	1961	8.2	Stanley Kramer	179
60	Paths of Glory	1957	8.4	Stanley Kubrick	88
63	The Shining	1980	8.4	Stanley Kubrick	146
70	Dr. Strangelove or: How I Learned to Stop Worrying and Love the Bomb	1964	8.4	Stanley Kubrick	95
90	2001: A Space Odyssey	1968	8.3	Stanley Kubrick	149
101	Full Metal Jacket	1987	8.3	Stanley Kubrick	116
106	A Clockwork Orange	1971	8.3	Stanley Kubrick	136
198	Barry Lyndon	1975	8.1	Stanley Kubrick	185
202	12 Years a Slave	2013	8.1	Steve McQueen	134
6	Schindler's List	1993	8.9	Steven Spielberg	195
26	Saving Private Ryan	1998	8.6	Steven Spielberg	169
56	Indiana Jones and the Raiders of the Lost Ark	1981	8.4	Steven Spielberg	115

122	Indiana Jones and the Last Crusade	1989	8.2	Steven Spielberg	127
164	Jurassic Park	1993	8.1	Steven Spielberg	127
189	Catch Me If You Can	2002	8.1	Steven Spielberg	141
216	Cool Hand Luke	1967	8.1	Stuart Rosenberg	127
228	Hotel Rwanda	2004	8.1	Terry George	121
129	Monty Python and the Holy Grail	1975	8.2	Terry Gilliam	91
223	Monty Python's Life of Brian	1979	8.1	Terry Jones	94
59	Hamilton	2020	8.5	Thomas Kail	160
92	The Hunt	2012	8.3	Thomas Vinterberg	115
62	Joker	2019	8.4	Todd Phillips	122
226	Spotlight	2015	8.1	Tom McCarthy	129
38	American History X	1998	8.5	Tony Kaye	119
169	Gone with the Wind	1939	8.1	Victor Fleming	238
100	Bicycle Thieves	1948	8.3	Vittorio De Sica	89
188	The Grand Budapest Hotel	2014	8.1	Wes Anderson	99
213	Ben-Hur	1959	8.1	William Wyler	212
242	Paris, Texas	1984	8.1	Wim Wenders	145
81	Das Boot	1981	8.3	Wolfgang Petersen	149
180	Tokyo Story	1953	8.2	Yasujirô Ozu	136
203	The Bandit	1996	8.2	Yavuz Turgul	128
167	Zack Snyder's Justice League	2021	8.3	Zack Snyder	242
248	Tangerines	2013	8.2	Zaza Urushadze	87
155	My Father and My Son	2005	8.3	Çagan Irmak	112

250 rows in set (0.00 sec)

如果希望讓查詢結果遞減排序，必須加上保留字 DESC (Descending)

In [8]:

```
SELECT *  
FROM movies  
ORDER BY rating DESC;
```

Out[8]:

id	title	release_year	rating	director	runtime
1	The Shawshank Redemption	1994	9.3	Frank Darabont	142
2	The Godfather	1972	9.2	Francis Ford Coppola	175
3	The Godfather: Part II	1974	9	Francis Ford Coppola	202
4	The Dark Knight	2008	9	Christopher Nolan	152
5	12 Angry Men	1957	9	Sidney Lumet	96
6	Schindler's List	1993	8.9	Steven Spielberg	195
7	The Lord of the Rings: The Return of the King	2003	8.9	Peter Jackson	201
8	Pulp Fiction	1994	8.9	Quentin Tarantino	154
9	The Good, the Bad and the Ugly	1966	8.8	Sergio Leone	178
10	The Lord of the Rings: The Fellowship of the Ring	2001	8.8	Peter Jackson	178
11	Fight Club	1999	8.8	David Fincher	139
12	Forrest Gump	1994	8.8	Robert Zemeckis	142
13	Inception	2010	8.8	Christopher Nolan	148
14	The Lord of the Rings: The Two Towers	2002	8.7	Peter Jackson	179
15	Star Wars: Episode V - The Empire Strikes Back	1980	8.7	Irvin Kershner	124
16	The Matrix	1999	8.7	Lana Wachowski	136
17	Goodfellas	1990	8.7	Martin Scorsese	146
18	One Flew Over the Cuckoo's Nest	1975	8.7	Milos Forman	133
19	Seven Samurai	1954	8.6	Akira Kurosawa	207
20	Se7en	1995	8.6	David Fincher	127
21	Life Is Beautiful	1997	8.6	Roberto Benigni	116
22	City of God	2002	8.6	Fernando Meirelles	130
23	The Silence of the Lambs	1991	8.6	Jonathan Demme	118

24	It's a Wonderful Life	1946	8.6	Frank Capra	130
25	Star Wars: Episode IV - A New Hope	1977	8.6	George Lucas	121
26	Saving Private Ryan	1998	8.6	Steven Spielberg	169
27	The Green Mile	1999	8.6	Frank Darabont	189
28	Spirited Away	2001	8.6	Hayao Miyazaki	125
29	Interstellar	2014	8.6	Christopher Nolan	169
30	Parasite	2019	8.6	Bong Joon Ho	132
32	Hara-Kiri	1962	8.6	Masaki Kobayashi	133
31	Léon: The Professional	1994	8.5	Luc Besson	110
33	The Usual Suspects	1995	8.5	Bryan Singer	106
34	The Lion King	1994	8.5	Roger Allers	88
35	The Pianist	2002	8.5	Roman Polanski	150
36	Terminator 2: Judgment Day	1991	8.5	James Cameron	137
37	Back to the Future	1985	8.5	Robert Zemeckis	116
38	American History X	1998	8.5	Tony Kaye	119
39	Modern Times	1936	8.5	Charles Chaplin	87
40	Gladiator	2000	8.5	Ridley Scott	155
41	Psycho	1960	8.5	Alfred Hitchcock	109
42	The Departed	2006	8.5	Martin Scorsese	151
43	City Lights	1931	8.5	Charles Chaplin	87
44	The Intouchables	2011	8.5	Olivier Nakache	112
45	Whiplash	2014	8.5	Damien Chazelle	106
46	Grave of the Fireflies	1988	8.5	Isao Takahata	89
47	The Prestige	2006	8.5	Christopher Nolan	130
48	Once Upon a Time in the West	1968	8.5	Sergio Leone	165
49	Casablanca	1942	8.5	Michael Curtiz	102
50	Cinema Paradiso	1988	8.5	Giuseppe Tornatore	155
59	Hamilton	2020	8.5	Thomas Kail	160
227	Raatchasan	2018	8.5	Ram Kumar	170
51	Rear Window	1954	8.4	Alfred Hitchcock	112
52	Alien	1979	8.4	Ridley Scott	117
53	Apocalypse Now	1979	8.4	Francis Ford Coppola	147
54	Memento	2000	8.4	Christopher Nolan	113
55	The Great Dictator	1940	8.4	Charles Chaplin	125

56	Indiana Jones and the Raiders of the Lost Ark	1981	8.4	Steven Spielberg	115
57	Django Unchained	2012	8.4	Quentin Tarantino	165
58	The Lives of Others	2006	8.4	Florian Henckel von Donnersmarck	137
60	Paths of Glory	1957	8.4	Stanley Kubrick	88
61	WALL-E	2008	8.4	Andrew Stanton	98
62	Joker	2019	8.4	Todd Phillips	122
63	The Shining	1980	8.4	Stanley Kubrick	146
64	Avengers: Infinity War	2018	8.4	Anthony Russo	149
65	Sunset Blvd.	1950	8.4	Billy Wilder	110
66	Witness for the Prosecution	1957	8.4	Billy Wilder	116
67	Oldboy	2003	8.4	Chan-wook Park	120
68	Spider-Man: Into the Spider-Verse	2018	8.4	Bob Persichetti	117
69	Princess Mononoke	1997	8.4	Hayao Miyazaki	134
70	Dr. Strangelove or: How I Learned to Stop Worrying and Love the Bomb	1964	8.4	Stanley Kubrick	95
71	The Dark Knight Rises	2012	8.4	Christopher Nolan	164
72	Once Upon a Time in America	1984	8.4	Sergio Leone	229
73	Your Name.	2016	8.4	Makoto Shinkai	106
75	Coco	2017	8.4	Lee Unkrich	105
76	Avengers: Endgame	2019	8.4	Anthony Russo	181
77	Capernaum	2018	8.4	Nadine Labaki	126
80	High and Low	1963	8.4	Akira Kurosawa	143
83	3 Idiots	2009	8.4	Rajkumar Hirani	170
88	Like Stars on Earth	2007	8.4	Aamir Khan	165
97	Dangal	2016	8.4	Nitesh Tiwari	161
243	Drishyam	2013	8.4	Jeethu Joseph	160
74	Aliens	1986	8.3	James Cameron	137
78	American Beauty	1999	8.3	Sam Mendes	122
79	Braveheart	1995	8.3	Mel Gibson	178
81	Das Boot	1981	8.3	Wolfgang Petersen	149
82	Toy Story	1995	8.3	John Lasseter	81
84	Amadeus	1984	8.3	Milos Forman	160
85	Inglourious Basterds	2009	8.3	Quentin Tarantino	153
86	Good Will Hunting	1997	8.3	Gus Van Sant	126
87	Star Wars: Episode VI - Return of the Jedi	1983	8.3	Richard Marquand	131

89	Reservoir Dogs	1992	8.3	Quentin Tarantino	99
90	2001: A Space Odyssey	1968	8.3	Stanley Kubrick	149
91	Requiem for a Dream	2000	8.3	Darren Aronofsky	102
92	The Hunt	2012	8.3	Thomas Vinterberg	115
93	Vertigo	1958	8.3	Alfred Hitchcock	128
94	M	1931	8.3	Fritz Lang	99
95	Eternal Sunshine of the Spotless Mind	2004	8.3	Michel Gondry	108
96	Citizen Kane	1941	8.3	Orson Welles	119
98	Singin' in the Rain	1952	8.3	Stanley Donen	103
99	The Kid	1921	8.3	Charles Chaplin	68
100	Bicycle Thieves	1948	8.3	Vittorio De Sica	89
101	Full Metal Jacket	1987	8.3	Stanley Kubrick	116
102	Come and See	1985	8.3	Elem Klimov	142
103	Snatch	2000	8.3	Guy Ritchie	102
104	Ikiru	1952	8.3	Akira Kurosawa	143
105	North by Northwest	1959	8.3	Alfred Hitchcock	136
106	A Clockwork Orange	1971	8.3	Stanley Kubrick	136
107	Scarface	1983	8.3	Brian De Palma	170
108	1917	2019	8.3	Sam Mendes	119
110	Incendies	2010	8.3	Denis Villeneuve	131
111	A Separation	2011	8.3	Asghar Farhadi	123
113	The Sting	1973	8.3	George Roy Hill	129
114	Lawrence of Arabia	1962	8.3	David Lean	228
115	Amélie	2001	8.3	Jean-Pierre Jeunet	122
116	Metropolis	1927	8.3	Fritz Lang	153
117	The Apartment	1960	8.3	Billy Wilder	125
119	Double Indemnity	1944	8.3	Billy Wilder	107
132	Children of Heaven	1997	8.3	Majid Majidi	89
155	My Father and My Son	2005	8.3	Çagan Irmak	112
167	Zack Snyder's Justice League	2021	8.3	Zack Snyder	242
194	Andhadhun	2018	8.3	Sriram Raghavan	139
207	Anand	1971	8.3	Hrishikesh Mukherjee	122
109	Taxi Driver	1976	8.2	Martin Scorsese	114
112	Toy Story 3	2010	8.2	Lee Unkrich	103

118	For a Few Dollars More	1965	8.2	Sergio Leone	132
120	To Kill a Mockingbird	1962	8.2	Robert Mulligan	129
121	Up	2009	8.2	Pete Docter	96
122	Indiana Jones and the Last Crusade	1989	8.2	Steven Spielberg	127
123	Heat	1995	8.2	Michael Mann	170
124	L.A. Confidential	1997	8.2	Curtis Hanson	138
125	Green Book	2018	8.2	Peter Farrelly	130
126	Die Hard	1988	8.2	John McTiernan	132
127	Batman Begins	2005	8.2	Christopher Nolan	140
128	Yojimbo	1961	8.2	Akira Kurosawa	110
129	Monty Python and the Holy Grail	1975	8.2	Terry Gilliam	91
130	Rashomon	1950	8.2	Akira Kurosawa	88
131	Downfall	2004	8.2	Oliver Hirschbiegel	156
133	Ran	1985	8.2	Akira Kurosawa	162
134	Unforgiven	1992	8.2	Clint Eastwood	130
135	Some Like It Hot	1959	8.2	Billy Wilder	121
136	Howl's Moving Castle	2004	8.2	Hayao Miyazaki	119
137	All About Eve	1950	8.2	Joseph L. Mankiewicz	138
138	Casino	1995	8.2	Martin Scorsese	178
139	A Beautiful Mind	2001	8.2	Ron Howard	135
140	The Wolf of Wall Street	2013	8.2	Martin Scorsese	180
141	The Great Escape	1963	8.2	John Sturges	172
142	Pan's Labyrinth	2006	8.2	Guillermo del Toro	118
143	There Will Be Blood	2007	8.2	Paul Thomas Anderson	158
144	The Secret in Their Eyes	2009	8.2	Juan José Campanella	129
145	Lock, Stock and Two Smoking Barrels	1998	8.2	Guy Ritchie	107
146	Judgment at Nuremberg	1961	8.2	Stanley Kramer	179
147	Raging Bull	1980	8.2	Martin Scorsese	129
148	My Neighbor Totoro	1988	8.2	Hayao Miyazaki	86
149	The Treasure of the Sierra Madre	1948	8.2	John Huston	126
150	Dial M for Murder	1954	8.2	Alfred Hitchcock	105
151	Shutter Island	2010	8.2	Martin Scorsese	138
153	The Gold Rush	1925	8.2	Charles Chaplin	95
157	V for Vendetta	2005	8.2	James McTeigue	132

161	The Seventh Seal	1957	8.2	Ingmar Bergman	96
163	Warrior	2011	8.2	Gavin O'Connor	140
165	Klaus	2019	8.2	Sergio Pablos	96
171	Stalker	1979	8.2	Andrei Tarkovsky	162
172	Wild Strawberries	1957	8.2	Ingmar Bergman	91
180	Tokyo Story	1953	8.2	Yasujiro Ozu	136
195	Sherlock Jr.	1924	8.2	Buster Keaton	45
197	To Be or Not to Be	1942	8.2	Ernst Lubitsch	99
203	The Bandit	1996	8.2	Yavuz Turgul	128
204	Autumn Sonata	1978	8.2	Ingmar Bergman	99
229	Gangs of Wasseypur	2012	8.2	Anurag Kashyap	321
237	Time of the Gypsies	1988	8.2	Emir Kusturica	142
241	Rang De Basanti	2006	8.2	Rakeysh Omprakash Mehra	167
247	7 Kogustaki Mucize	2019	8.2	Mehmet Ada Öztekin	132
248	Tangerines	2013	8.2	Zaza Urushadze	87
249	Drishyam	2015	8.2	Nishikant Kamat	163
250	Swades	2004	8.2	Ashutosh Gowariker	189
152	Three Billboards Outside Ebbing, Missouri	2017	8.1	Martin McDonagh	115
154	Chinatown	1974	8.1	Roman Polanski	130
156	No Country for Old Men	2007	8.1	Ethan Coen	122
158	Inside Out	2015	8.1	Pete Docter	95
159	The Thing	1982	8.1	John Carpenter	109
160	The Elephant Man	1980	8.1	David Lynch	124
162	The Sixth Sense	1999	8.1	M. Night Shyamalan	107
164	Jurassic Park	1993	8.1	Steven Spielberg	127
166	Trainspotting	1996	8.1	Danny Boyle	93
168	The Truman Show	1998	8.1	Peter Weir	103
169	Gone with the Wind	1939	8.1	Victor Fleming	238
170	Finding Nemo	2003	8.1	Andrew Stanton	100
173	Memories of Murder	2003	8.1	Bong Joon Ho	132
174	Kill Bill: Vol. 1	2003	8.1	Quentin Tarantino	111
175	Blade Runner	1982	8.1	Ridley Scott	117
176	The Bridge on the River Kwai	1957	8.1	David Lean	161
177	Fargo	1996	8.1	Joel Coen	98

178	Wild Tales	2014	8.1	Damián Szifron	122
179	Room	2015	8.1	Lenny Abrahamson	118
181	The Third Man	1949	8.1	Carol Reed	93
182	Gran Torino	2008	8.1	Clint Eastwood	116
183	On the Waterfront	1954	8.1	Elia Kazan	108
184	The Deer Hunter	1978	8.1	Michael Cimino	183
185	In the Name of the Father	1993	8.1	Jim Sheridan	133
186	Mary and Max	2009	8.1	Adam Elliot	92
187	Before Sunrise	1995	8.1	Richard Linklater	101
188	The Grand Budapest Hotel	2014	8.1	Wes Anderson	99
189	Catch Me If You Can	2002	8.1	Steven Spielberg	141
190	Gone Girl	2014	8.1	David Fincher	149
191	Hacksaw Ridge	2016	8.1	Mel Gibson	139
192	Prisoners	2013	8.1	Denis Villeneuve	153
193	Persona	1966	8.1	Ingmar Bergman	83
196	The Big Lebowski	1998	8.1	Joel Coen	117
198	Barry Lyndon	1975	8.1	Stanley Kubrick	185
199	The General	1926	8.1	Clyde Bruckman	67
200	How to Train Your Dragon	2010	8.1	Dean DeBlois	98
201	Ford v Ferrari	2019	8.1	James Mangold	152
202	12 Years a Slave	2013	8.1	Steve McQueen	134
205	Mr. Smith Goes to Washington	1939	8.1	Frank Capra	129
206	Mad Max: Fury Road	2015	8.1	George Miller	120
208	Dead Poets Society	1989	8.1	Peter Weir	128
209	Million Dollar Baby	2004	8.1	Clint Eastwood	132
210	Harry Potter and the Deathly Hallows: Part 2	2011	8.1	David Yates	130
211	Stand by Me	1986	8.1	Rob Reiner	89
212	Network	1976	8.1	Sidney Lumet	121
213	Ben-Hur	1959	8.1	William Wyler	212
214	Hachi: A Dog's Tale	2009	8.1	Lasse Hallström	93
215	The Handmaiden	2016	8.1	Chan-wook Park	145
216	Cool Hand Luke	1967	8.1	Stuart Rosenberg	127
217	Logan	2017	8.1	James Mangold	137
218	Platoon	1986	8.1	Oliver Stone	120

219	The Wages of Fear	1953	8.1	Henri-Georges Clouzot	131
220	Into the Wild	2007	8.1	Sean Penn	148
221	Rush	2013	8.1	Ron Howard	123
222	La Haine	1995	8.1	Mathieu Kassovitz	98
223	Monty Python's Life of Brian	1979	8.1	Terry Jones	94
224	The 400 Blows	1959	8.1	François Truffaut	99
225	The Passion of Joan of Arc	1928	8.1	Carl Theodor Dreyer	114
226	Spotlight	2015	8.1	Tom McCarthy	129
228	Hotel Rwanda	2004	8.1	Terry George	121
230	Amores Perros	2000	8.1	Alejandro G. Iñárritu	154
231	Soul	2020	8.1	Pete Docter	100
232	Andrei Rublev	1966	8.1	Andrei Tarkovsky	205
233	Monsters, Inc.	2001	8.1	Pete Docter	92
234	Rocky	1976	8.1	John G. Avildsen	120
235	Nausicaä of the Valley of the Wind	1984	8.1	Hayao Miyazaki	117
236	Rebecca	1940	8.1	Alfred Hitchcock	130
238	Before Sunset	2004	8.1	Richard Linklater	80
239	In the Mood for Love	2000	8.1	Kar-Wai Wong	98
240	Rififi	1955	8.1	Jules Dassin	118
242	Paris, Texas	1984	8.1	Wim Wenders	145
244	Portrait of a Lady on Fire	2019	8.1	Céline Sciamma	122
245	It Happened One Night	1934	8.1	Frank Capra	105
246	Neon Genesis Evangelion: The End of Evangelion	1997	8.1	Hideaki Anno	87

250 rows in set (0.00 sec)

使用多個變數排序

在 `ORDER BY` 後，可以指定多個變數搭配各自的排序方式

指定多個變數排序時，會依照「先指定」的變數排序，在「先指定」的變數排序相同的情況下再依據「後指定」的變數排序。

In [9]:

```

SELECT *
FROM movies
ORDER BY release_year DESC, -- 先指定 release_year 遞減排序
        rating;             -- 後指定 rating 遞增排序

```

Out[9]:

id	title	release_year	rating	director	runtime
167	Zack Snyder's Justice League	2021	8.3	Zack Snyder	242
231	Soul	2020	8.1	Pete Docter	100
59	Hamilton	2020	8.5	Thomas Kail	160
201	Ford v Ferrari	2019	8.1	James Mangold	152
244	Portrait of a Lady on Fire	2019	8.1	Céline Sciamma	122
165	Klaus	2019	8.2	Sergio Pablos	96
247	7 Kogustaki Mucize	2019	8.2	Mehmet Ada Öztekin	132
108	1917	2019	8.3	Sam Mendes	119
62	Joker	2019	8.4	Todd Phillips	122
76	Avengers: Endgame	2019	8.4	Anthony Russo	181
30	Parasite	2019	8.6	Bong Joon Ho	132
125	Green Book	2018	8.2	Peter Farrelly	130
194	Andhadhun	2018	8.3	Sriram Raghavan	139
64	Avengers: Infinity War	2018	8.4	Anthony Russo	149
68	Spider-Man: Into the Spider-Verse	2018	8.4	Bob Persichetti	117
77	Capernaum	2018	8.4	Nadine Labaki	126
227	Raatchasan	2018	8.5	Ram Kumar	170
152	Three Billboards Outside Ebbing, Missouri	2017	8.1	Martin McDonagh	115
217	Logan	2017	8.1	James Mangold	137
75	Coco	2017	8.4	Lee Unkrich	105
191	Hacksaw Ridge	2016	8.1	Mel Gibson	139
215	The Handmaiden	2016	8.1	Chan-wook Park	145
73	Your Name.	2016	8.4	Makoto Shinkai	106
97	Dangal	2016	8.4	Nitesh Tiwari	161
158	Inside Out	2015	8.1	Pete Docter	95
179	Room	2015	8.1	Lenny Abrahamson	118
206	Mad Max: Fury Road	2015	8.1	George Miller	120

226	Spotlight	2015	8.1	Tom McCarthy	129
249	Drishyam	2015	8.2	Nishikant Kamat	163
178	Wild Tales	2014	8.1	Damián Szifron	122
188	The Grand Budapest Hotel	2014	8.1	Wes Anderson	99
190	Gone Girl	2014	8.1	David Fincher	149
45	Whiplash	2014	8.5	Damien Chazelle	106
29	Interstellar	2014	8.6	Christopher Nolan	169
192	Prisoners	2013	8.1	Denis Villeneuve	153
202	12 Years a Slave	2013	8.1	Steve McQueen	134
221	Rush	2013	8.1	Ron Howard	123
140	The Wolf of Wall Street	2013	8.2	Martin Scorsese	180
248	Tangerines	2013	8.2	Zaza Urushadze	87
243	Drishyam	2013	8.4	Jeethu Joseph	160
229	Gangs of Wasseypur	2012	8.2	Anurag Kashyap	321
92	The Hunt	2012	8.3	Thomas Vinterberg	115
57	Django Unchained	2012	8.4	Quentin Tarantino	165
71	The Dark Knight Rises	2012	8.4	Christopher Nolan	164
210	Harry Potter and the Deathly Hallows: Part 2	2011	8.1	David Yates	130
163	Warrior	2011	8.2	Gavin O'Connor	140
111	A Separation	2011	8.3	Asghar Farhadi	123
44	The Intouchables	2011	8.5	Olivier Nakache	112
200	How to Train Your Dragon	2010	8.1	Dean DeBlois	98
112	Toy Story 3	2010	8.2	Lee Unkrich	103
151	Shutter Island	2010	8.2	Martin Scorsese	138
110	Incendies	2010	8.3	Denis Villeneuve	131
13	Inception	2010	8.8	Christopher Nolan	148
186	Mary and Max	2009	8.1	Adam Elliot	92
214	Hachi: A Dog's Tale	2009	8.1	Lasse Hallström	93
121	Up	2009	8.2	Pete Docter	96
144	The Secret in Their Eyes	2009	8.2	Juan José Campanella	129
85	Inglourious Basterds	2009	8.3	Quentin Tarantino	153
83	3 Idiots	2009	8.4	Rajkumar Hirani	170
182	Gran Torino	2008	8.1	Clint Eastwood	116
61	WALL·E	2008	8.4	Andrew Stanton	98

4	The Dark Knight	2008	9	Christopher Nolan	152
156	No Country for Old Men	2007	8.1	Ethan Coen	122
220	Into the Wild	2007	8.1	Sean Penn	148
143	There Will Be Blood	2007	8.2	Paul Thomas Anderson	158
88	Like Stars on Earth	2007	8.4	Aamir Khan	165
142	Pan's Labyrinth	2006	8.2	Guillermo del Toro	118
241	Rang De Basanti	2006	8.2	Rakeysh Omprakash Mehra	167
58	The Lives of Others	2006	8.4	Florian Henckel von Donnersmarck	137
42	The Departed	2006	8.5	Martin Scorsese	151
47	The Prestige	2006	8.5	Christopher Nolan	130
127	Batman Begins	2005	8.2	Christopher Nolan	140
157	V for Vendetta	2005	8.2	James McTeigue	132
155	My Father and My Son	2005	8.3	Çagan Irmak	112
209	Million Dollar Baby	2004	8.1	Clint Eastwood	132
228	Hotel Rwanda	2004	8.1	Terry George	121
238	Before Sunset	2004	8.1	Richard Linklater	80
131	Downfall	2004	8.2	Oliver Hirschbiegel	156
136	Howl's Moving Castle	2004	8.2	Hayao Miyazaki	119
250	Swades	2004	8.2	Ashutosh Gowariker	189
95	Eternal Sunshine of the Spotless Mind	2004	8.3	Michel Gondry	108
170	Finding Nemo	2003	8.1	Andrew Stanton	100
173	Memories of Murder	2003	8.1	Bong Joon Ho	132
174	Kill Bill: Vol. 1	2003	8.1	Quentin Tarantino	111
67	Oldboy	2003	8.4	Chan-wook Park	120
7	The Lord of the Rings: The Return of the King	2003	8.9	Peter Jackson	201
189	Catch Me If You Can	2002	8.1	Steven Spielberg	141
35	The Pianist	2002	8.5	Roman Polanski	150
22	City of God	2002	8.6	Fernando Meirelles	130
14	The Lord of the Rings: The Two Towers	2002	8.7	Peter Jackson	179
233	Monsters, Inc.	2001	8.1	Pete Docter	92
139	A Beautiful Mind	2001	8.2	Ron Howard	135
115	Amélie	2001	8.3	Jean-Pierre Jeunet	122
28	Spirited Away	2001	8.6	Hayao Miyazaki	125
10	The Lord of the Rings: The Fellowship of the Ring	2001	8.8	Peter Jackson	178

230	Amores Perros	2000	8.1	Alejandro G. Iñárritu	154
239	In the Mood for Love	2000	8.1	Kar-Wai Wong	98
91	Requiem for a Dream	2000	8.3	Darren Aronofsky	102
103	Snatch	2000	8.3	Guy Ritchie	102
54	Memento	2000	8.4	Christopher Nolan	113
40	Gladiator	2000	8.5	Ridley Scott	155
162	The Sixth Sense	1999	8.1	M. Night Shyamalan	107
78	American Beauty	1999	8.3	Sam Mendes	122
27	The Green Mile	1999	8.6	Frank Darabont	189
16	The Matrix	1999	8.7	Lana Wachowski	136
11	Fight Club	1999	8.8	David Fincher	139
168	The Truman Show	1998	8.1	Peter Weir	103
196	The Big Lebowski	1998	8.1	Joel Coen	117
145	Lock, Stock and Two Smoking Barrels	1998	8.2	Guy Ritchie	107
38	American History X	1998	8.5	Tony Kaye	119
26	Saving Private Ryan	1998	8.6	Steven Spielberg	169
246	Neon Genesis Evangelion: The End of Evangelion	1997	8.1	Hideaki Anno	87
124	L.A. Confidential	1997	8.2	Curtis Hanson	138
86	Good Will Hunting	1997	8.3	Gus Van Sant	126
132	Children of Heaven	1997	8.3	Majid Majidi	89
69	Princess Mononoke	1997	8.4	Hayao Miyazaki	134
21	Life Is Beautiful	1997	8.6	Roberto Benigni	116
166	Trainspotting	1996	8.1	Danny Boyle	93
177	Fargo	1996	8.1	Joel Coen	98
203	The Bandit	1996	8.2	Yavuz Turgul	128
187	Before Sunrise	1995	8.1	Richard Linklater	101
222	La Haine	1995	8.1	Mathieu Kassovitz	98
123	Heat	1995	8.2	Michael Mann	170
138	Casino	1995	8.2	Martin Scorsese	178
79	Braveheart	1995	8.3	Mel Gibson	178
82	Toy Story	1995	8.3	John Lasseter	81
33	The Usual Suspects	1995	8.5	Bryan Singer	106
20	Se7en	1995	8.6	David Fincher	127
31	Léon: The Professional	1994	8.5	Luc Besson	110

34	The Lion King	1994	8.5	Roger Allers	88
12	Forrest Gump	1994	8.8	Robert Zemeckis	142
8	Pulp Fiction	1994	8.9	Quentin Tarantino	154
1	The Shawshank Redemption	1994	9.3	Frank Darabont	142
164	Jurassic Park	1993	8.1	Steven Spielberg	127
185	In the Name of the Father	1993	8.1	Jim Sheridan	133
6	Schindler's List	1993	8.9	Steven Spielberg	195
134	Unforgiven	1992	8.2	Clint Eastwood	130
89	Reservoir Dogs	1992	8.3	Quentin Tarantino	99
36	Terminator 2: Judgment Day	1991	8.5	James Cameron	137
23	The Silence of the Lambs	1991	8.6	Jonathan Demme	118
17	Goodfellas	1990	8.7	Martin Scorsese	146
208	Dead Poets Society	1989	8.1	Peter Weir	128
122	Indiana Jones and the Last Crusade	1989	8.2	Steven Spielberg	127
126	Die Hard	1988	8.2	John McTiernan	132
148	My Neighbor Totoro	1988	8.2	Hayao Miyazaki	86
237	Time of the Gypsies	1988	8.2	Emir Kusturica	142
46	Grave of the Fireflies	1988	8.5	Isao Takahata	89
50	Cinema Paradiso	1988	8.5	Giuseppe Tornatore	155
101	Full Metal Jacket	1987	8.3	Stanley Kubrick	116
211	Stand by Me	1986	8.1	Rob Reiner	89
218	Platoon	1986	8.1	Oliver Stone	120
74	Aliens	1986	8.3	James Cameron	137
133	Ran	1985	8.2	Akira Kurosawa	162
102	Come and See	1985	8.3	Elem Klimov	142
37	Back to the Future	1985	8.5	Robert Zemeckis	116
235	Nausicaä of the Valley of the Wind	1984	8.1	Hayao Miyazaki	117
242	Paris, Texas	1984	8.1	Wim Wenders	145
84	Amadeus	1984	8.3	Milos Forman	160
72	Once Upon a Time in America	1984	8.4	Sergio Leone	229
87	Star Wars: Episode VI - Return of the Jedi	1983	8.3	Richard Marquand	131
107	Scarface	1983	8.3	Brian De Palma	170
159	The Thing	1982	8.1	John Carpenter	109
175	Blade Runner	1982	8.1	Ridley Scott	117

81	Das Boot	1981	8.3	Wolfgang Petersen	149
56	Indiana Jones and the Raiders of the Lost Ark	1981	8.4	Steven Spielberg	115
160	The Elephant Man	1980	8.1	David Lynch	124
147	Raging Bull	1980	8.2	Martin Scorsese	129
63	The Shining	1980	8.4	Stanley Kubrick	146
15	Star Wars: Episode V - The Empire Strikes Back	1980	8.7	Irvin Kershner	124
223	Monty Python's Life of Brian	1979	8.1	Terry Jones	94
171	Stalker	1979	8.2	Andrei Tarkovsky	162
52	Alien	1979	8.4	Ridley Scott	117
53	Apocalypse Now	1979	8.4	Francis Ford Coppola	147
184	The Deer Hunter	1978	8.1	Michael Cimino	183
204	Autumn Sonata	1978	8.2	Ingmar Bergman	99
25	Star Wars: Episode IV - A New Hope	1977	8.6	George Lucas	121
212	Network	1976	8.1	Sidney Lumet	121
234	Rocky	1976	8.1	John G. Avildsen	120
109	Taxi Driver	1976	8.2	Martin Scorsese	114
198	Barry Lyndon	1975	8.1	Stanley Kubrick	185
129	Monty Python and the Holy Grail	1975	8.2	Terry Gilliam	91
18	One Flew Over the Cuckoo's Nest	1975	8.7	Milos Forman	133
154	Chinatown	1974	8.1	Roman Polanski	130
3	The Godfather: Part II	1974	9	Francis Ford Coppola	202
113	The Sting	1973	8.3	George Roy Hill	129
2	The Godfather	1972	9.2	Francis Ford Coppola	175
106	A Clockwork Orange	1971	8.3	Stanley Kubrick	136
207	Anand	1971	8.3	Hrishikesh Mukherjee	122
90	2001: A Space Odyssey	1968	8.3	Stanley Kubrick	149
48	Once Upon a Time in the West	1968	8.5	Sergio Leone	165
216	Cool Hand Luke	1967	8.1	Stuart Rosenberg	127
193	Persona	1966	8.1	Ingmar Bergman	83
232	Andrei Rublev	1966	8.1	Andrei Tarkovsky	205
9	The Good, the Bad and the Ugly	1966	8.8	Sergio Leone	178
118	For a Few Dollars More	1965	8.2	Sergio Leone	132
70	Dr. Strangelove or: How I Learned to Stop Worrying and Love the Bomb	1964	8.4	Stanley Kubrick	95
141	The Great Escape	1963	8.2	John Sturges	172

80	High and Low	1963	8.4	Akira Kurosawa	143
120	To Kill a Mockingbird	1962	8.2	Robert Mulligan	129
114	Lawrence of Arabia	1962	8.3	David Lean	228
32	Hara-Kiri	1962	8.6	Masaki Kobayashi	133
128	Yojimbo	1961	8.2	Akira Kurosawa	110
146	Judgment at Nuremberg	1961	8.2	Stanley Kramer	179
117	The Apartment	1960	8.3	Billy Wilder	125
41	Psycho	1960	8.5	Alfred Hitchcock	109
213	Ben-Hur	1959	8.1	William Wyler	212
224	The 400 Blows	1959	8.1	François Truffaut	99
135	Some Like It Hot	1959	8.2	Billy Wilder	121
105	North by Northwest	1959	8.3	Alfred Hitchcock	136
93	Vertigo	1958	8.3	Alfred Hitchcock	128
176	The Bridge on the River Kwai	1957	8.1	David Lean	161
161	The Seventh Seal	1957	8.2	Ingmar Bergman	96
172	Wild Strawberries	1957	8.2	Ingmar Bergman	91
60	Paths of Glory	1957	8.4	Stanley Kubrick	88
66	Witness for the Prosecution	1957	8.4	Billy Wilder	116
5	12 Angry Men	1957	9	Sidney Lumet	96
240	Rififi	1955	8.1	Jules Dassin	118
183	On the Waterfront	1954	8.1	Elia Kazan	108
150	Dial M for Murder	1954	8.2	Alfred Hitchcock	105
51	Rear Window	1954	8.4	Alfred Hitchcock	112
19	Seven Samurai	1954	8.6	Akira Kurosawa	207
219	The Wages of Fear	1953	8.1	Henri-Georges Clouzot	131
180	Tokyo Story	1953	8.2	Yasujirô Ozu	136
98	Singin' in the Rain	1952	8.3	Stanley Donen	103
104	Ikiru	1952	8.3	Akira Kurosawa	143
130	Rashomon	1950	8.2	Akira Kurosawa	88
137	All About Eve	1950	8.2	Joseph L. Mankiewicz	138
65	Sunset Blvd.	1950	8.4	Billy Wilder	110
181	The Third Man	1949	8.1	Carol Reed	93
149	The Treasure of the Sierra Madre	1948	8.2	John Huston	126
100	Bicycle Thieves	1948	8.3	Vittorio De Sica	89

24	It's a Wonderful Life	1946	8.6	Frank Capra	130
119	Double Indemnity	1944	8.3	Billy Wilder	107
197	To Be or Not to Be	1942	8.2	Ernst Lubitsch	99
49	Casablanca	1942	8.5	Michael Curtiz	102
96	Citizen Kane	1941	8.3	Orson Welles	119
236	Rebecca	1940	8.1	Alfred Hitchcock	130
55	The Great Dictator	1940	8.4	Charles Chaplin	125
169	Gone with the Wind	1939	8.1	Victor Fleming	238
205	Mr. Smith Goes to Washington	1939	8.1	Frank Capra	129
39	Modern Times	1936	8.5	Charles Chaplin	87
245	It Happened One Night	1934	8.1	Frank Capra	105
94	M	1931	8.3	Fritz Lang	99
43	City Lights	1931	8.5	Charles Chaplin	87
225	The Passion of Joan of Arc	1928	8.1	Carl Theodor Dreyer	114
116	Metropolis	1927	8.3	Fritz Lang	153
199	The General	1926	8.1	Clyde Bruckman	67
153	The Gold Rush	1925	8.2	Charles Chaplin	95
195	Sherlock Jr.	1924	8.2	Buster Keaton	45
99	The Kid	1921	8.3	Charles Chaplin	68

250 rows in set (0.00 sec)

指定衍生計算欄位排序

ORDER BY 除了能夠指定資料表中的變數，還可以指定衍生計算欄位（ Calculated fields ）作為排序依據

In [10]:

```
SELECT firstName,  
       lastName  
FROM players  
ORDER BY weightKilograms / (heightMeters*heightMeters) DESC; -- 以衍生計算欄位 bmi 遞減排序
```

Out[10]:

firstName	lastName
Zion	Williamson
Jusuf	Nurkic
Jarrell	Brantley
Eric	Paschall
Udoka	Azubuike
Andre	Drummond
Nikola	Jokic
P.J.	Tucker
Vernon	Carey Jr.
Paul	Millsap
Donovan	Mitchell
Talen	Horton-Tucker
Eric	Bledsoe
Derrick	Favors
Jahlil	Okafor
Wendell	Carter Jr.
Naz	Reid
Brook	Lopez
Robin	Lopez
Bismack	Biyombo
Tyler	Cook
Stanley	Johnson
Jae'Sean	Tate
Carsen	Edwards
Joel	Embiid
Facundo	Campazzo
Dwight	Howard

Semi	Ojeleye
Marcus	Smart
Kevin	Love
Tacko	Fall
Rudy	Gay
Julius	Randle
Reggie	Perry
Isaiah	Stewart
Royce	O'Neale
Cristiano	Felicio
Larry	Nance Jr.
Jared	Dudley
Anthony	Edwards
Grant	Williams
Bam	Adebayo
Aron	Baynes
Jae	Crowder
Robert	Woodard II
Kelan	Martin
DaQuan	Jeffries
Tristan	Thompson
Malcolm	Brogdon
Eric	Gordon
Norman	Powell
Jamal	Murray
Luguentz	Dort
JaVale	McGee
DeAndre	Jordan
Jonas	Valanciunas
Steven	Adams
Daniel	Theis
Xavier	Tillman
James	Johnson
Montrezl	Harrell

Devontae	Cacok
Wesley	Matthews
Buddy	Hield
Denzel	Valentine
Carmelo	Anthony
LeBron	James
Blake	Griffin
Reggie	Jackson
Mike	Scott
Draymond	Green
Lamar	Stevens
Abdel	Nader
Isaac	Okoro
Kyle	Lowry
Tyus	Jones
Anthony	Davis
Nathan	Knight
Chuma	Okeke
Langston	Galloway
Jevon	Carter
Hassan	Whiteside
Nikola	Vucevic
Daniel	Oturu
Gorgui	Dieng
John	Wall
Brad	Wanamaker
Bryn	Forbes
Dennis	Smith Jr.
Romeo	Langford
Anthony	Lamb
Markelle	Fultz
Rayjon	Tucker
Enes	Kanter
Bobby	Portis

Boban	Marjanovic
Markieff	Morris
Drew	Eubanks
Solomon	Hill
Fred	VanVleet
Robert	Williams III
Darius	Miller
Miles	Bridges
Gary	Clark
OG	Anunoby
Juwan	Morgan
Bradley	Beal
Tony	Bradley
Thomas	Bryant
Marc	Gasol
James	Harden
Keldon	Johnson
Nassir	Little
Jay	Scrubbs
Vlatko	Cancar
Victor	Oladipo
Josh	Okogie
Jordan	McLaughlin
Mason	Plumlee
Udonis	Haslem
Jeff	Green
Thaddeus	Young
Patrick	Patterson
Aaron	Gordon
Onyeka	Okongwu
Devonte'	Graham
Payton	Pritchard
David	Nwaba
Sterling	Brown

Jimmy	Butler
Cedi	Osman
Georges	Niang
P.J.	Washington
Luka	Doncic
Anthony	Gill
Jaylen	Brown
Jrue	Holiday
Kris	Dunn
Frank	Jackson
Quinn	Weather
Chris	Silva
Justise	Winslow
Al	Horford
Bruno	Fernando
Zeke	Nnaji
Derrick	Rose
De'Anthony	Melton
Tyrese	Maxey
D.J.	Augustin
Gary	Harris
Trent	Forrest
Dwayne	Bacon
Ignas	Brazdeikis
LaMarcus	Aldridge
Myles	Turner
Willy	Hernandez
Zach	Collins
Deandre	Ayton
Goga	Bitadze
DeMar	DeRozan
Joe	Harris
Bogdan	Bogdanovic
Danuel	House Jr.

Darius	Garland
Spencer	Dinwiddie
Josh	Hart
Terance	Mann
Max	Strus
Garrison	Mathews
Aaron	Nesmith
Elijah	Hughes
Desmond	Bane
Bojan	Bogdanovic
Thanasis	Antetokounmpo
Nicolas	Batum
Rui	Hachimura
Sekou	Doumbouya
Isaiah	Roby
Dante	Exum
Gordon	Hayward
Kawhi	Leonard
Doug	McDermott
Dillon	Brooks
Cameron	Reynolds
Karl-Anthony	Towns
Nicolo	Melli
Keita	Bates-Diop
Wayne	Ellington
T.J.	McConnell
Terry	Rozier
Jalen	Brunson
Collin	Sexton
Kevin	Durant
Mike	Muscala
Dwight	Powell
Clint	Capela
Maxi	Kleber

JJ	Redick
Russell	Westbrook
Cory	Joseph
Matthew	Dellavedova
Malik	Monk
Gabe	Vincent
Ersan	Ilyasova
John	Collins
Rudy	Gobert
Jared	Harper
Tremont	Waters
Markus	Howard
Trey	Burke
Aaron	Holiday
Theo	Pinson
Kyrie	Irving
Damian	Lillard
Trey	Lyles
Alex	Len
Isaiah	Hartenstein
JaMychal	Green
Rodney	McGruder
Javonte	Green
Skylar	Mays
Sam	Merrill
Moritz	Wagner
Kemba	Walker
Khris	Middleton
Khem	Birch
Tobias	Harris
Andre	Iguodala
Danny	Green
Klay	Thompson
James	Ennis III

Troy	Brown Jr.
Kenyon	Martin Jr.
Lonnie	Walker IV
DeAndre'	Bembry
Damion	Lee
Derrick	Jones Jr.
Damyean	Dotson
John	Konchar
Nate	Hinton
Torrey	Craig
Taj	Gibson
Harrison	Barnes
De'Andre	Hunter
Jordan	Nwora
Precious	Achiuwa
Alec	Burks
RJ	Barrett
Jarrett	Allen
Donte	DiVincenzo
Kevin	Porter Jr.
Maurice	Harkless
Timothe	Luwawu-Cabarrot
Dorian	Finney-Smith
Naji	Marshall
Pat	Connaughton
Gary	Trent Jr.
Giannis	Antetokounmpo
Jaren	Jackson Jr.
Tony	Snell
Serge	Ibaka
Richaun	Holmes
Bruce	Brown
Kyle	Anderson
Pascal	Siakam

Justin	Patton
Nemanja	Bjelica
Daniel	Gafford
Will	Magnay
Ben	McLemore
Elfrid	Payton
Ryan	Arcidiacono
Ty-Shon	Alexander
Tre	Jones
Cassius	Winston
Chris	Chiozza
Nick	Richards
Terence	Davis
Jaylen	Nowell
Taurean	Prince
Cody	Zeller
Kelly	Olynyk
Ben	Simmons
Domantas	Sabonis
Harry	Giles III
Jontay	Porter
Danilo	Gallinari
Kendrick	Nunn
Nico	Mannion
Grant	Riller
Brandon	Goodwin
Rodions	Kurucs
Mamadi	Diakite
Dean	Wade
Frank	Ntilikina
Keljin	Blevins
Mason	Jones
Devin	Booker
Luke	Kennard

Miye	Oni
Paul	Watson
Chandler	Hutchison
Kenrich	Williams
Cameron	Payne
D.J.	Wilson
Al-Farouq	Aminu
Paul	George
T.J.	Warren
Joe	Ingles
Justin	Jackson
Tim	Hardaway Jr.
Caleb	Martin
Cody	Martin
Shake	Milton
Mikal	Bridges
Juan	Toscano-Anderson
Alfonzo	McKinnie
Kevin	Knox II
Duncan	Robinson
Patrick	Williams
Saddiq	Bey
Tyler	Bey
Grayson	Allen
Kentavious	Caldwell-Pope
Chimezie	Metu
JaKarr	Sampson
Willie	Cauley-Stein
Frank	Kaminsky
Ivica	Zubac
Lauri	Markkanen
Mitchell	Robinson
James	Wiseman
Marcus	Morris Sr.

Cam	Reddish
E'Twaun	Moore
Marvin	Bagley III
Goran	Dragic
Ricky	Rubio
CJ	McCollum
Jahmi'us	Ramsey
Immanuel	Quickley
Karim	Mane
Edmond	Sumner
Luke	Kornet
Hamidou	Diallo
Rajon	Rondo
Patrick	Beverley
Patty	Mills
Raul	Neto
Quinn	Cook
Trae	Young
Terrence	Ross
Jakob	Poeltl
Alize	Johnson
Luka	Samanic
Kent	Bazemore
Matisse	Thybulle
Seth	Curry
Chasson	Randle
Devon	Dotson
Cole	Anthony
Kevon	Looney
Reggie	Bullock
Caris	LeVert
PJ	Dozier
Nickeil	Alexander-Walker
Chris	Paul

Ish	Smith
Trevor	Ariza
Brandon	Clarke
KZ	Okpala
Jordan	Clarkson
Jordan	Poole
Zach	LaVine
Josh	Richardson
Devin	Vassell
Josh	Green
Davis	Bertans
Dario	Saric
Tomas	Satoransky
Axel	Toupane
Amir	Coffey
Killian	Tillie
Obi	Toppin
D'Angelo	Russell
Monte	Morris
Saben	Lee
Robert	Covington
Jonathan	Isaac
Tyler	Johnson
Moses	Brown
Ed	Davis
Stephen	Curry
De'Aaron	Fox
Lou	Williams
Mike	Conley
Malachi	Flynn
Kyle	Kuzma
Derrick	White
Jerome	Robinson
Landry	Shamet

Adam	Mokoka
Matt	Thomas
CJ	Elleby
Nate	Darling
Mychal	Mulder
Jerami	Grant
Greg	Whittington
Jayson	Tatum
Cameron	Johnson
Mo	Bamba
Garrett	Temple
Coby	White
Tyler	Herro
Ty	Jerome
Killian	Hayes
Jalen	Harris
Evan	Fournier
Svi	Mykhailiuk
Jake	Layman
Yuta	Watanabe
George	Hill
Rodney	Hood
Darius	Bazley
Juancho	Hernangomez
Jarred	Vanderbilt
Michael	Porter Jr.
Kelly	Oubre Jr.
Josh	Jackson
Malik	Beasley
Anfernee	Simons
Dylan	Windler
Furkan	Korkmaz
Alex	Caruso
Avery	Bradley

Wes	Iwundu
Jarrett	Culver
Sean	McDermott
Alen	Smailagic
Jalen	Smith
Kira	Lewis Jr.
Deni	Avdija
Paul	Reed
Christian	Wood
Michael	Carter-Williams
Cassius	Stanley
Nerlens	Noel
Jaxson	Hayes
Kristaps	Porzingis
Kyle	Guy
Andrew	Wiggins
Lonzo	Ball
Brian	Bowen II
Wenyen	Gabriel
Jalen	McDaniels
Dejounte	Murray
Nicolas	Claxton
Ja	Morant
Delon	Wright
Tyrese	Haliburton
Brodric	Thomas
Otto	Porter Jr.
Dennis	Schroder
Chris	Boucher
Kevin	Huerter
Justin	James
Theo	Maledon
R.J.	Hampton
Jeremy	Lamb

Bol	Bol
Kostas	Antetokounmpo
Will	Barton
Brandon	Ingram
Deividas	Sirvydis
Justin	Holiday
Shai	Gilgeous-Alexander
LaMelo	Ball
Tyrell	Terry
Patrick	McCaw
Josh	Hall
Isaiah	Joe
Isaac	Bonga
Jaden	McDaniels
Aleksej	Pokusevski

484 rows in set (0.00 sec)

ORDER BY 搭配 LIMIT

結合 **ORDER BY** 與 **LIMIT**，就可以進行「前 **m** 高」或「前 **m** 低」的資料分析

```
-- 「前 m 低」的資料分析
SELECT column_names
FROM table_name
ORDER BY column_names
LIMIT m;
```

```
-- 「前 m 高」的資料分析
SELECT column_names
      FROM table_name
ORDER BY column_names DESC
LIMIT m;
```

In [11]:

```
SELECT *  
  FROM movies  
 ORDER BY release_year  
 LIMIT 10;
```

Out[11]:

id	title	release_year	rating	director	runtime
99	The Kid	1921	8.3	Charles Chaplin	68
195	Sherlock Jr.	1924	8.2	Buster Keaton	45
153	The Gold Rush	1925	8.2	Charles Chaplin	95
199	The General	1926	8.1	Clyde Bruckman	67
116	Metropolis	1927	8.3	Fritz Lang	153
225	The Passion of Joan of Arc	1928	8.1	Carl Theodor Dreyer	114
43	City Lights	1931	8.5	Charles Chaplin	87
94	M	1931	8.3	Fritz Lang	99
245	It Happened One Night	1934	8.1	Frank Capra	105
39	Modern Times	1936	8.5	Charles Chaplin	87

10 rows in set (0.00 sec)

In [12]:

```
SELECT *  
  FROM movies  
 ORDER BY release_year DESC  
 LIMIT 10;
```

Out[12]:

id	title	release_year	rating	director	runtime
167	Zack Snyder's Justice League	2021	8.3	Zack Snyder	242
59	Hamilton	2020	8.5	Thomas Kail	160
231	Soul	2020	8.1	Pete Docter	100
30	Parasite	2019	8.6	Bong Joon Ho	132
62	Joker	2019	8.4	Todd Phillips	122
76	Avengers: Endgame	2019	8.4	Anthony Russo	181
108	1917	2019	8.3	Sam Mendes	119
165	Klaus	2019	8.2	Sergio Pablos	96
201	Ford v Ferrari	2019	8.1	James Mangold	152
244	Portrait of a Lady on Fire	2019	8.1	Céline Sciamma	122

10 rows in set (0.00 sec)

重點統整

- 加入 `ORDER BY` 能夠以指定變數的大小來排序查詢結果。
- 排序可以採取預設的「遞增」或者指定「遞減」方式。
- 可以指定多個變數搭配各自的排序方式。
- 可以使用衍生計算欄位進行排序。
- 結合 `ORDER BY` 與 `LIMIT` 來進行「前 `m` 高」或「前 `m` 低」的資料分析。

/*

截至目前學起來的 SQL 有哪些？

SQL 寫作順序必須遵從標準 SQL 的規定。

*/

```
SELECT column_names      -- 選擇哪些欄位
  FROM table_name        -- 從哪個資料庫的資料表
 ORDER BY column_names    -- 指定依照哪個變數排序
 LIMIT m;                -- 查詢結果顯示前 m 列就好
```