

# JSON Assignment

- Loading Actors

The screenshot displays a data integration tool interface with a workflow diagram and an execution log.

**Workflow Diagram:**

- tfileList\_1** (Green icon) connects to **Iterate** (Green icon).
- Iterate** connects to **actor** (Blue icon).
- actor** connects to **tLogRow\_1** (Blue icon).
- tLogRow\_1** connects to **tMap\_1** (Blue icon).
- tMap\_1** connects to **json\_output** (Green icon).

**Execution Log:**

Starting job actor\_json at 23:01 17/03/2024.  
[statistics] connecting to socket on port 3479  
[statistics] connected  
[statistics] disconnected  
Job actor\_json ended at 23:01 17/03/2024. [Exit code = 0]

**Default Values:**

Name	Value
actors	D:\ANSH\Doc...
json_output_A...	
json_output_Pa...	****
json_output_Lo...	ansh
json_output_Sc...	dbo
json_output_D...	JSON
json_output_Se...	localhost
json_output_Port	1433

SQLQuery26.sql - lo...stJSON (ansh (61))

```
SELECT * FROM actors
```

98 %

Actor_ID	actor_name	birthname	birthplace	birthdate
1	Aamir Khan	Mohammed Aamir Hussain Khan	Mumbai, Maharashtra, India	1965-03-14
2	Adam Sandler	Adam Richard Sandler	New York, United States	1966-09-09
3	Adrianne Palicki	Adrianne Lee Palicki	Toledo, Ohio, USA	1983-05-06
4	Aisha Tyler	Aisha N. Tyler	San Francisco, California, United States	1970-09-18
5	Aishwarya Rai Bachchan	Aishwarya Rai	Mangalore, Karnataka, India	1973-11-01
6	Akshay Kumar	Rajiv Hari Om Bhatia	Amritsar, Punjab, India	1967-09-09
7	Alexandra Daddario	Alexandra Anna Daddario	Manhattan, New York City, New York, USA	1986-03-16
8	Amber Heard	Amber Laura Heard	Austin, Texas, U.S	1986-04-22
9	Amitabh Bachchan	Amitabh Harivansh Rai Bachchan	Allahabad, India	1942-10-11
10	Amy Adams	Amy Lou Adams	Vicenza, Italy	1974-10-20
11	Anatole Taubman	Anatole Taubman	Zurich, Switzerland	1970-12-23
12	Angelina Jolie	Angelina Jolie Voight	Los Angeles, California, United States	1975-06-04
13	Anne Hathaway	Anne Jacqueline Hathaway	Brooklyn, New York, USA	1982-11-12
14	Anushka Shetty	Sweetie Shetty	Mangalore, India	1981-11-07
15	Anya Taylor-Joy	Anya-Josephine Taylor-Joy	Miami, Florida, United States	1996-04-16
16	Arnold Schwarzenegger	Arnold Schwarzenegger	Thal, Styria, Austria	1947-07-30
17	Ashley Scott	Ashley McCall Scott	Metairie, Louisiana	1977-07-13
18	Ashton Kutcher	Christopher Ashton Kutcher	Cedar Rapids, Iowa, United States	1978-02-07
19	Ben Affleck	Benjamin Geza Affleck-Boldt	Berkeley, California, USA	1972-08-15
20	Benedict Cumberbatch	Benedict Timothy Carlton Cumb...	Hammersmith, London, England	1976-07-19
21	Bette Davis	Ruth Elizabeth Davis	Lowell, Massachusetts, USA	1908-04-05
22	Bingbing Li	Bingbing Li	Harbin, China	1973-02-27
23	Bob Gunton	Robert Patrick Gunton Jr.	Santa Monica, California, USA	1945-11-15
24	Bonnie Aarons	Bonnie Aarons	Los Angeles, California, United States	1979-06-03
25	Brad Beyer	Bradford Beyer	Waukesha, Wisconsin	1973-09-20
26	Brad Pitt	William Bradley Pitt	Shawnee, Oklahoma, United States	1963-12-18
27	Bradley Cooper	Bradley Charles Cooper	Philadelphia, Pennsylvania, U.S	1975-01-05
28	Brandon T. Jackson	Brandon Timothy Jackson	Detroit, Michigan, USA	1984-03-07
29	Brie Larson	Brianne Sidonie Desaulniers	Sacramento, California, USA	1989-10-01
30	Brion James	Brion Howard James	Redlands, California, U.S.	1945-02-20
31	Bruce Willis	Walter Bruce Willis	Idar-Oberstein, West Germany	1955-03-19
32	Burt Reynolds	Burton Leon Reynolds Jr.	Lansing, Michigan, USA	1936-02-11
33	Cary Elwes	Ivan Simon Cary Elwes	Westminster, United Kingdom	1962-10-26

Query executed successfully. localhost (15.0 RTM) | ansh (61) | JSON | 00:00:00 | 240 rows

- Loading Directors

The screenshot shows a workflow named 'Job director\_json 0.1'. The workflow consists of the following components and data flow:

- tFileList\_2**: Provides input to the **Iterate** component.
- Iterate**: A loop component that feeds into the **director** component.
- director**: The main component being configured. It has a 'Run' button and a 'Clear' button. The execution log shows it started at 23:02 on 17/03/2024, connected to a socket on port 3738, and ended at 23:03 on the same date with an exit code of 0.
- tLogRow\_1**: A logging component that receives data from the **director** component. It shows '0 rows in 0.01s' and 'row2 (Reject order2)'.
- tMap\_1**: A mapping component that receives data from the **director** component. It shows '1 rows in 0.01s' and 'row1 (Main order:1)'.
- json\_output**: A component that receives data from the **tMap\_1** component. It shows '1 rows in 0.03s' and 'out1 (Main)'.

The **Job director\_json** component is selected in the Designer tab. The 'Execution' section shows the following log:

```
Starting job director_json at 23:02 17/03/2024.
[statistics] connecting to socket on port 3738
[statistics] connected
[statistics] disconnected
Job director_json ended at 23:03 17/03/2024. [Exit code = 0]
```

The 'Default' tab shows the following configuration:

Name	Value
director	D:\ANSH\Doc...
json_output_A...	
json_output_Pa...	****
json_output_Lo...	ansh
json_output_Sc...	dbo
json_output_D...	JSON
json_output_Se...	localhost
json_output_Port	1433

The screenshot shows a SQL query result for the query `SELECT * FROM directors`. The results are displayed in a table with the following columns: **Director\_ID**, **director\_name**, **birthname**, **birthdate**, and **birthplace**.

Director_ID	director_name	birthname	birthdate	birthplace
1	Akira Kurosawa	Akira Kurosawa	1910-03-23	Tokyo, Japan
2	Alfred Hitchcock	Alfred Joseph Hitchcock	1899-08-13	Leytonstone, Essex, England
3	Ang Lee	Ang Lee	1954-10-23	Pingtung, Taiwan
4	Anurag Kashyap	Anurag Singh Kashyap	1972-09-10	Gorakhpur, Uttar Pradesh, India
5	Billy Wilder	Samuel Wilder	1906-06-22	Sucha, Galicia, Austria-Hungary
6	Brad Bird	Brad Bird	1957-09-24	Kalispell, Montana, USA
7	Chris Columbus	Chris Joseph Columbus	1958-09-10	Spangler, Pennsylvania, USA
8	Christopher Nolan	Christopher Edward Nolan	1970-07-30	Westminster, London, England
9	Clint Eastwood	Clinton Eastwood Jr.	1930-05-31	San Francisco, California, U.S.
10	Damien Chazelle	Imtiaz Ali	1985-01-19	Providence, Rhode Island, United States
11	David Fincher	David Andrew Leo Fincher	1962-08-28	Denver, Colorado, United States
12	David Lynch	David Keith Lynch	1946-01-20	Missoula, Montana, USA
13	Dibakar Banerjee	Dibakar Banerjee	1969-06-21	New Delhi, India
14	Francis Ford Coppola	Francis Ford Coppola	1937-04-07	Detroit, Michigan, United States
15	Fritz Lang	Friedrich Christian Anton Lang	1890-12-05	Vienna, Austria-Hungary
16	George Lucas	George Walton Lucas Jr.	1944-05-14	Modesto, California, U.S.
17	Greg Robbins	Greg Robbins	1959-07-06	Los Angeles, California, USA
18	Guy Ritchie	Guy Ritchie	1968-09-10	Hatfield, Hertfordshire, England
19	Harmony Korine	Harmony Korine	1973-01-04	Bolinas, California, USA
20	Imtiaz Ali	Imtiaz Ali	1971-06-16	Jamshedpur, Jharkhan, India
21	J. J. Abrams	Jeffrey Jacob Abrams	1966-06-27	New York, U.S.
22	James Cameron	James Francis Cameron	1954-08-16	Kapuskasing, Ontario, Canada
23	Jason Reitman	Jason Reitmans	1977-10-09	Montreal, Quebec, Canada
24	John Ford	John Martin Feeney	1894-02-01	Cape Elizabeth, Maine, United States
25	Jon Turteltaub	Jonathan Charles Turteltaub	1963-08-08	New York City, New York, USA
26	Justin Lin	Yi-Bin Lin	1973-10-11	Taipei, Taiwan
27	Karthik Subbaraj	Karthik Subbaraj	1985-01-01	Madurai, India
28	Lester James Peries	Lester James Peries	1919-04-05	Dehiwela, Colombo, Sri Lanka
29	Luc Besson	Luc Paul Maurice Besson	1959-03-18	Paris, France
30	Mani Ratnam	Gopala Ratnam Subramaniam	1956-02-06	Chennai, Tamil Nadu
31	Martin Scorsese	Martin Charles Scorsese	1942-11-17	New York City, New York, USA
32	Michael Bay	Michael Benjamin Bay	1965-02-17	Los Angeles, California, USA
33	Mira Nair	Mira Nair	1957-10-15	New York City, New York, United States

The query was executed successfully on 17/03/2024 at 23:03:06. The status bar indicates: **localhost (15.0 RTM) ansh (61) JSON 00:00:00 53 rows**.

- Separating Categories and Writer Name – obtaining unique writer names and movies categories

The screenshot shows the Databricks job configuration and execution interface for 'Job catg\_writer'. The top section displays a workflow diagram with components like 'tfileList\_1', 'tUniqRow\_1', 'tUniqRow\_2', and 'tMap\_2'. The bottom section shows the 'Job catg\_writer' execution details, including a 'Basic Run' tab with 'Run', 'Kill', and 'Clear' buttons. The execution log shows the job starting at 20:06 17/03/2024 and ending at 20:06 17/03/2024 with an exit code of 0. A 'Default' configuration table is also visible on the right.

Name	Value
movie	D:\ANSH\Do
json_output_A...	
json_output_Pa...	****
json_output_Lo...	ansh
json_output_Sc...	dbo
json_output_D...	JSON
json_output_Se...	localhost
json_output_Port	1433

The screenshot shows a SQL query result in a Databricks environment. The query is 'select \* from writers'. The results are displayed in a table with columns 'Writer\_ID' and 'movie\_writer'. The table contains 33 rows of data, listing various writers and their associated movie IDs. The status bar at the bottom indicates 'Query executed successfully' and 'localhost (15.0 RTM) ansh (61) JSON 00:00:00 533 rows'.

Writer_ID	movie_writer
1	Richard Maibaum
2	Johanna Harwood
3	Berkely Mather
4	Ian Fleming
5	Harper Lee
6	Horton Foote
7	Henry Farrell
8	Lukas Heller
9	Paul Dehn
10	George Hurdalek
11	Howard Lindsay
12	Russel Crouse
13	Ernest Lehman
14	Maria von Trapp
15	John Hopkins
16	Jack Whittingham
17	Kevin McClory
18	Luciano Vincenzoni
19	Sergio Leone
20	Agénore Incrocci
21	Furio Scarpelli
22	Harold Jack Bloom
23	Roald Dahl
24	Geoffrey Jenkins
25	Tom Mankiewicz
26	Mario Puzo
27	Francis Ford Coppola
28	Fernando Ayala
29	Hector Olivera
30	Oswaldo Bayer
31	Graham Chapman
32	John Cleese
33	Eric Idle

SQLQuery26.sql - lo...stJSON (ansh (61))\*

```
select * from categories
```

98 %

Results

Messages

	Category_ID	movie_categories
1	1	action
2	2	adventure
3	3	thriller
4	4	crime
5	5	drama
6	6	horror
7	7	biography
8	8	family
9	9	western
10	10	historical
11	11	comedy
12	12	fantasy
13	13	sci-fi
14	14	dystopian
15	15	musical
16	16	post-apocalyptic
17	17	romance
18	18	history
19	19	sport
20	20	animated
21	21	animation
22	22	sports
23	23	mystery
24	24	romantic
25	25	film noir
26	26	spy
27	27	biographical
28	28	crime
29	29	documentary
30	30	Indian
31	31	teen
32	32	short
33	33	Action

Query executed successfully.

localhost (15.0 RTM) | ansh (61) | JSON | 00:00:00 | 47 rows



- Loading movies and normalizing actors, writer, categories and director

**Job director\_json**

**Basic Run**

Run Kill Clear

Starting job director\_json at 23:04 17/03/2024.  
 [statistics] connecting to socket on port 3679  
 [statistics] connected  
 [statistics] disconnected

Job director\_json ended at 23:04 17/03/2024. [Exit code = 0]

Line limit 1000000 Wrap

**Default**

Name	Value
director	D:\ANSH\Doc...
json_output_A...	****
json_output_Pa...	ansh
json_output_Lo...	dbo
json_output_Sc...	JSON
json_output_D...	localhost
json_output_Se...	1433

## Movies Raw Data

SQLQuery26.sql - lo...st:JSON (ansh (61))

```
SELECT * FROM movie
```

	movie_name	year	runtime	movie_categories	release_date	movie_director	movie_writer	movie_actors	storyline
1	Dr. No	1962	110	["action","adventure","thriller"]	1962-10-05	Terence Young	["Richard Maibaum","Johanna Harwo...	["Sean Connery","Ursula Andress","Josep...	A resourceful British government agent
2	To Kill a Mockingbird	1962	129	["crime","drama"]	1962-12-25	Robert Mulligan	["Harper Lee","John Megna","Frank Ov...	["Gregory Peck","John Megna","Frank Ov...	Atticus Finch, a lawyer in the Depression
3	Whatever Happened To Baby Jane...	1962	134	["drama","horror","thriller"]	1962-10-31	Robert Aldrich	["Henry Farrell","Lukas Heller"]	["Bette Davis","Joan Crawford","Victor Bu...	A former child star torments her paraple
4	From Russia with Love	1963	115	["action","adventure","thriller"]	1963-10-10	Terence Young	["Richard Maibaum","Johanna Harwo...	["Sean Connery","Robert Shaw","Lotte Le...	James Bond willingly falls into an assas
5	Goldfinger	1964	110	["action","adventure","thriller"]	1964-09-17	Guy Hamilton	["Richard Maibaum","Paul Dehn","Joh...	["Sean Connery","Gert Frobe","Honor Bla...	Investigating a gold magnate's smuggli
6	The Sound of Music	1965	172	["biography","drama","family"]	1965-03-29	Robert Wise	["George Hurdalek","Howard Lindsay","J...	["Julie Andrews","Christopher Plummer","...	A woman leaves an Austrian convent to
7	Thunderball	1965	130	["action","adventure","thriller"]	1965-12-09	Terence Young	["Richard Maibaum","John Hopkins","...	["Sean Connery","Claudine Auger","Adolf...	James Bond heads to The Bahamas to
8	The Good, the Bad and the Ugly	1966	161	["western","action","adventure"]	1966-12-29	Sergio Leone	["Luciano Vincenzoni","Sergio Leone","...	["Eli Wallach","Lee Van Cleef","Aldo Giuffr...	A bounty hunting scam joins two men in
9	You Only Live Twice	1967	117	["action","adventure","thriller"]	1967-06-12	Lewis Gilbert	["Harold Jack Bloom","Roald Dahl","G...	["Sean Connery","Akiko Wakabayashi","M...	Agent 007 and the Japanese secret ser
10	Diamonds Are Forever	1971	120	["action","adventure","thriller"]	1971-12-14	Guy Hamilton	["Richard Maibaum","Tom Mankiewicz...	["Sean Connery","Jill St. John","Charles G...	A diamond smuggling investigation lea
11	The Godfather	1972	177	["action","crime","drama"]	1972-03-15	Francis Ford Coppola	["Mario Puzo","Francis Ford Coppola"]	["Marlon Brando","Al Pacino","James Ca...	When the aging head of a famous crim
12	La Patagonia rebelde	1974	103	["historical","drama","action"]	1974-13-6	Hector Olivera	["Fernando Ayala","Hector Olivera","Os...	["Hector Alterio","Luis Brandoni","Federic...	La Patagonia rebelde is an Argentinear
13	The Godfather: Part II	1974	200	["action","crime","drama"]	1974-12-12	Francis Ford Coppola	["Francis Ford Coppola","Mario Puzo"]	["Al Pacino","Robert Duvall","Diane Keato...	The continuing saga of the Corleone cri
14	Monty Python and the Holy Grail	1975	91	["adventure","comedy","fantasy"]	1975-05-25	["Terry Gilliam","Terry Jones"]	["Graham Chapman","John Cleese","E...	["Graham Chapman","John Cleese","Eric...	NULL
15	One Flew Over the Cuckoo's Nest	1975	134	["comedy","drama"]	1975-11-19	Miloš Forman	["Saul Zaentz","Michael Douglas"]	["Jack Nicholson","Louise Fletcher","Willi...	McMurphy has a criminal past and has
16	Eraserhead	1977	129	["horror"]	1978-02-03	David Lynch	["David Lynch"]	["Jack Nance","Charlotte Stewart","Allen J...	Henry Spencer tries to survive his indus
17	Star Wars: Episode IV - A New H...	1977	121	["action","adventure","sci-fi"]	1977-05-25	George Lucas	George Lucas	["Mark Hamill","Harrison Ford","Carrie Fis...	NULL
18	Superman	1978	143	["action","adventure","drama"]	1978-12-15	Richard Donner	Jerry Siegel	["Christopher Reeve","Margot Kidde","Ge...	An alien orphan is sent from his dying p
19	Alien	1979	116	["horror","sci-fi"]	1979-05-25	Ridley Scott	["Dan O'Bannon","Ronald Shusett"]	["Tom Skerrit","Sigourney Weaver","Vero...	After a space merchant vessel perceiv
20	Life of Brian	1979	94	["comedy"]	1979-11-08	Terry Jones	["Graham Chapman","John Cleese","E...	["Graham Chapman","John Cleese","E...	Born on the original Christmas in the st
21	Mad Max	1979	93	["action","dystopian"]	1979-04-12	George Miller	["George Miller","James McCausland"]	["Mel Gibson","Joanne Samuel","Hugh K...	The film presents a tale of societal colla
22	Star Wars: Episode V - The Empi...	1980	124	["action","adventure","sci-fi"]	1980-06-20	George Lucas	George Lucas	["Mark Hamill","Harrison Ford","Carrie Fis...	NULL
23	Indiana Jones: Raiders of the Lo...	1981	115	["action","adventure"]	1981-06-12	Steven Spielberg	["Lawrence Kasdan","George Lucas"]	["Harrison Ford","Karen Allen","Paul Free...	NULL
24	Mad Max 2: The Road Warrior	1981	96	["action","dystopian"]	1981-12-24	George Miller	["George Miller","Brian Hannant","Terr...	["Mel Gibson"]	The film follows a Western frontier tale
25	Superman II	1981	127	["action","adventure","sci-fi"]	1981-06-19	Richard Lester	["Joe Shuster","Jerry Siegel"]	["Gene Hackman","Christopher Reeve","...	Superman agrees to sacrifice his powe
26	Blade Runner	1982	117	["sci-fi","thriller"]	1982-09-09	Richard Scott	["George Miller","Brian Hannant","Terr...	["Harrison Ford","Sean Young","Roy Batt"]	A blade runner must pursue and try to k
27	Never Say Never Again	1983	134	["action","adventure","thriller"]	1983-10-06	Ivin Kershner	["Kevin McClory","Jack Whittingham","L...	["Sean Connery","Kim Basinger","Klaus ...	A SPECTRE agent has stolen two Amer
28	Star Wars: Episode VI - Return of ...	1983	131	["action","adventure","sci-fi"]	1983-05-25	Richard Marquand	["Lawrence Kasdan","George Lucas"]	["Mark Hamill","Harrison Ford","Carrie Fis...	NULL
29	Superman III	1983	125	["action","comedy","sci-fi"]	1983-06-17	Richard Lester	["Joe Shuster","Jerry Siegel"]	["Christopher Reeve","Richard Pryor","Ma...	Synthetic kryptonite laced with tobacco
30	The Meaning of Life	1983	107	["comedy","musical"]	1983-07-07	["Terry Gilliam","Terry Jones"]	["Graham Chapman","John Cleese","E...	["Graham Chapman","John Cleese","Eric...	NULL
31	Indiana Jones and the Temple of ...	1984	118	["action","adventure"]	1984-05-23	Steven Spielberg	["Willard Huyck","Gloria Katz"]	["Harrison Ford","Kate Capshaw","Jonath...	NULL
32	Nausicaä of the Valley of the Wind	1984	117	["fantasy","post-apocalyptic","a...	1984-11-03	Hayao Miyazaki	["Hayao Miyazaki"]	["Sumi Shimamoto","Goro Naya","Yoji M...	tells the story of Nausicaä, the young pri

Query executed successfully. localhost (15.0 RTM) ansh (61) JSON 00:00:00 342 rows

## Movie\_actors

SQLQuery26.sql - lo...stJSON (ansh (61))

```
SELECT * FROM movie_actors
```

98 %

Results Messages

	Actor_ID	actor_name	year	runtime	movie_actor	release_date	storyline
1	208	Dr. No	1962	110	Sean Connery	1962-10-05	A resourceful British government agent seeks answ...
2	-999	Dr. No	1962	110	Ursula Andress	1962-10-05	A resourceful British government agent seeks answ...
3	-999	Dr. No	1962	110	Joseph Wiseman	1962-10-05	A resourceful British government agent seeks answ...
4	-999	Dr. No	1962	110	Jack Lord	1962-10-05	A resourceful British government agent seeks answ...
5	-999	Dr. No	1962	110	Bernard Lee	1962-10-05	A resourceful British government agent seeks answ...
6	-999	To Kill a Mockingbird	1962	129	Gregory Peck	1962-12-25	Atticus Finch, a lawyer in the Depression-era South...
7	-999	To Kill a Mockingbird	1962	129	John Megna	1962-12-25	Atticus Finch, a lawyer in the Depression-era South...
8	-999	To Kill a Mockingbird	1962	129	Frank Overton	1962-12-25	Atticus Finch, a lawyer in the Depression-era South...
9	-999	To Kill a Mockingbird	1962	129	Rosemary Murphy	1962-12-25	Atticus Finch, a lawyer in the Depression-era South...
10	-999	To Kill a Mockingbird	1962	129	Ruth White	1962-12-25	Atticus Finch, a lawyer in the Depression-era South...
11	-999	To Kill a Mockingbird	1962	129	Brock Peters	1962-12-25	Atticus Finch, a lawyer in the Depression-era South...
12	-999	To Kill a Mockingbird	1962	129	Estelle Evans	1962-12-25	Atticus Finch, a lawyer in the Depression-era South...
13	-999	To Kill a Mockingbird	1962	129	Paul Fix	1962-12-25	Atticus Finch, a lawyer in the Depression-era South...
14	-999	To Kill a Mockingbird	1962	129	Collin Wilcox Paxton	1962-12-25	Atticus Finch, a lawyer in the Depression-era South...
15	-999	To Kill a Mockingbird	1962	129	James Anderson	1962-12-25	Atticus Finch, a lawyer in the Depression-era South...
16	-999	To Kill a Mockingbird	1962	129	Alice Ghostley	1962-12-25	Atticus Finch, a lawyer in the Depression-era South...
17	-999	To Kill a Mockingbird	1962	129	Robert Duvall	1962-12-25	Atticus Finch, a lawyer in the Depression-era South...
18	-999	To Kill a Mockingbird	1962	129	William Windom	1962-12-25	Atticus Finch, a lawyer in the Depression-era South...
19	-999	To Kill a Mockingbird	1962	129	Crahan Denton	1962-12-25	Atticus Finch, a lawyer in the Depression-era South...
20	-999	To Kill a Mockingbird	1962	129	Richard Hale	1962-12-25	Atticus Finch, a lawyer in the Depression-era South...
21	-999	To Kill a Mockingbird	1962	129	Mary Badham	1962-12-25	Atticus Finch, a lawyer in the Depression-era South...
22	-999	To Kill a Mockingbird	1962	129	Phillip Alford	1962-12-25	Atticus Finch, a lawyer in the Depression-era South...
23	21	Whatever Happened To Baby Jane?	1962	134	Bette Davis	1962-10-31	A former child star torments her paraplegic sister in ...
24	110	Whatever Happened To Baby Jane?	1962	134	Joan Crawford	1962-10-31	A former child star torments her paraplegic sister in ...
25	228	Whatever Happened To Baby Jane?	1962	134	Victor Buono	1962-10-31	A former child star torments her paraplegic sister in ...
26	144	Whatever Happened To Baby Jane?	1962	134	Maidie Norman	1962-10-31	A former child star torments her paraplegic sister in ...
27	208	From Russia with Love	1963	115	Sean Connery	1963-10-10	James Bond willingly falls into an assassination plo...
28	-999	From Russia with Love	1963	115	Robert Shaw	1963-10-10	James Bond willingly falls into an assassination plo...
29	-999	From Russia with Love	1963	115	Lotte Lenya	1963-10-10	James Bond willingly falls into an assassination plo...
30	208	Goldfinger	1964	110	Sean Connery	1964-09-17	Investigating a gold magnate's smuggling, James ...
31	-999	Goldfinger	1964	110	Gert Fröbe	1964-09-17	Investigating a gold magnate's smuggling, James ...
32	82	Goldfinger	1964	110	Honor Blackman	1964-09-17	Investigating a gold magnate's smuggling, James ...
33	-999	The Sound of Music	1965	172	Julie Andrews	1965-03-29	A woman leaves an Austrian convent to become a g...

Query executed successfully. localhost (15.0 RTM) ansh (61) JSON 00:00:00 2,038 rows

## Movie\_Category

SQLQuery26.sql - lo...stJSON (ansh (61))

```
SELECT * FROM movie_categories
```

98 %

Results Messages

	Category_ID	name	year	runtime	movie_categories	release_date	storyline
1	1	Dr. No	1962	110	action	1962-10-05	A resourceful British government agent seeks answer...
2	2	Dr. No	1962	110	adventure	1962-10-05	A resourceful British government agent seeks answer...
3	3	Dr. No	1962	110	thriller	1962-10-05	A resourceful British government agent seeks answer...
4	4	To Kill a Mockingbird	1962	129	crime	1962-12-25	Atticus Finch, a lawyer in the Depression-era South, d...
5	5	To Kill a Mockingbird	1962	129	drama	1962-12-25	Atticus Finch, a lawyer in the Depression-era South, d...
6	5	Whatever Happened To Baby Jane?	1962	134	drama	1962-10-31	A former child star torments her paraplegic sister in th...
7	6	Whatever Happened To Baby Jane?	1962	134	horror	1962-10-31	A former child star torments her paraplegic sister in th...
8	3	Whatever Happened To Baby Jane?	1962	134	thriller	1962-10-31	A former child star torments her paraplegic sister in th...
9	1	From Russia with Love	1963	115	action	1963-10-10	James Bond willingly falls into an assassination ploy i...
10	2	From Russia with Love	1963	115	adventure	1963-10-10	James Bond willingly falls into an assassination ploy i...
11	3	From Russia with Love	1963	115	thriller	1963-10-10	James Bond willingly falls into an assassination ploy i...
12	1	Goldfinger	1964	110	action	1964-09-17	Investigating a gold magnate's smuggling, James Bon...
13	2	Goldfinger	1964	110	adventure	1964-09-17	Investigating a gold magnate's smuggling, James Bon...
14	3	Goldfinger	1964	110	thriller	1964-09-17	Investigating a gold magnate's smuggling, James Bon...
15	7	The Sound of Music	1965	172	biography	1965-03-29	A woman leaves an Austrian convent to become a gov...
16	5	The Sound of Music	1965	172	drama	1965-03-29	A woman leaves an Austrian convent to become a gov...
17	8	The Sound of Music	1965	172	family	1965-03-29	A woman leaves an Austrian convent to become a gov...
18	1	Thunderball	1965	130	action	1965-12-09	James Bond heads to The Bahamas to recover two n...
19	2	Thunderball	1965	130	adventure	1965-12-09	James Bond heads to The Bahamas to recover two n...
20	3	Thunderball	1965	130	thriller	1965-12-09	James Bond heads to The Bahamas to recover two n...
21	9	The Good, the Bad and the Ugly	1966	161	western	1966-12-29	A bounty hunting scam joins two men in an uneasy all...
22	1	The Good, the Bad and the Ugly	1966	161	action	1966-12-29	A bounty hunting scam joins two men in an uneasy all...
23	2	The Good, the Bad and the Ugly	1966	161	adventure	1966-12-29	A bounty hunting scam joins two men in an uneasy all...
24	1	You Only Live Twice	1967	117	action	1967-06-12	Agent 007 and the Japanese secret service ninja forc...
25	2	You Only Live Twice	1967	117	adventure	1967-06-12	Agent 007 and the Japanese secret service ninja forc...
26	3	You Only Live Twice	1967	117	thriller	1967-06-12	Agent 007 and the Japanese secret service ninja forc...
27	1	Diamonds Are Forever	1971	120	action	1971-12-14	A diamond smuggling investigation leads James Bon...
28	2	Diamonds Are Forever	1971	120	adventure	1971-12-14	A diamond smuggling investigation leads James Bon...
29	3	Diamonds Are Forever	1971	120	thriller	1971-12-14	A diamond smuggling investigation leads James Bon...
30	1	The Godfather	1972	177	action	1972-03-15	When the aging head of a famous crime family decid...
31	4	The Godfather	1972	177	crime	1972-03-15	When the aging head of a famous crime family decid...
32	5	The Godfather	1972	177	drama	1972-03-15	When the aging head of a famous crime family decid...
33	10	La Patagonia rebelde	1974	103	historical	1974-13-6	La Patagonia rebelde is an Argentinean film based o...



## Movie\_Directors

SQLQuery26.sql - lo...stJSON (ansh (61))

```
SELECT * FROM movie_directors
```

98 %

Results Messages

Director_ID	name	year	runtime	movie_director	release_date	storyline
1	Dr. No	1962	110	Terence Young	1962-10-05	A resourceful British government agent seeks answer...
2	To Kill a Mockingbird	1962	129	Robert Mulligan	1962-12-25	Atticus Finch, a lawyer in the Depression-era South, d...
3	Whatever Happened To Baby Jane?	1962	134	Robert Aldrich	1962-10-31	A former child star torments her paraplegic sister in th...
4	From Russia with Love	1963	115	Terence Young	1963-10-10	James Bond willingly falls into an assassination play i...
5	Goldfinger	1964	110	Guy Hamilton	1964-09-17	Investigating a gold magnate's smuggling, James Bo...
6	The Sound of Music	1965	172	Robert Wise	1965-03-29	A woman leaves an Austrian convent to become a gov...
7	Thunderball	1965	130	Terence Young	1965-12-09	James Bond heads to The Bahamas to recover two n...
8	The Good, the Bad and the Ugly	1966	161	Sergio Leone	1966-12-29	A bounty hunting scam joins two men in an uneasy all...
9	You Only Live Twice	1967	117	Lewis Gilbert	1967-06-12	Agent 007 and the Japanese secret service ninja forc...
10	Diamonds Are Forever	1971	120	Guy Hamilton	1971-12-14	A diamond smuggling investigation leads James Bon...
11	The Godfather	1972	177	Francis Ford Coppola	1972-03-15	When the aging head of a famous crime family decid...
12	La Patagonia rebelde	1974	103	Hector Olivera	1974-13-6	La Patagonia rebelde is an Argentinean film based o...
13	The Godfather: Part II	1974	200	Francis Ford Coppola	1974-12-12	The continuing saga of the Corleone crime family tells...
14	Monty Python and the Holy Grail	1975	91	Terry Gilliam	1975-05-25	NULL
15	Monty Python and the Holy Grail	1975	91	Terry Jones	1975-05-25	NULL
16	One Flew Over the Cuckoo's Nest	1975	134	Miloš Forman	1975-11-19	McMurphy has a criminal past and has once again go...
17	Eraserhead	1977	129	David Lynch	1978-02-03	Henry Spencer tries to survive his industrial environm...
18	Star Wars: Episode IV - A New Hope	1977	121	George Lucas	1977-05-25	NULL
19	Superman	1978	143	Richard Donner	1978-12-15	An alien orphan is sent from his dying planet to Earth...
20	Alien	1979	116	Ridley Scott	1979-05-25	After a space merchant vessel perceives an unknown ...
21	Life of Brian	1979	94	Terry Jones	1979-11-08	Born on the original Christmas in the stable next door...
22	Mad Max	1979	93	George Miller	1979-04-12	The film presents a tale of societal collapse, murder...
23	Star Wars: Episode V - The Empire Strikes Back	1980	124	George Lucas	1980-06-20	NULL
24	Indiana Jones: Raiders of the Lost Ark	1981	115	Steven Spielberg	1981-06-12	NULL
25	Mad Max 2: The Road Warrior	1981	96	George Miller	1981-12-24	The film follows a Western frontier tale of a communit...
26	Superman II	1981	127	Richard Lester	1981-06-19	Superman agrees to sacrifice his powers to start a rel...
27	Blade Runner	1982	117	Ridley Scott	1982-09-09	A blade runner must pursue and try to terminate four r...
28	Never Say Never Again	1983	134	Ivin Kershner	1983-10-06	A SPECTRE agent has stolen two American nuclear w...
29	Star Wars: Episode VI - Return of the Jedi	1983	131	Richard Marquand	1983-05-25	NULL
30	Superman III	1983	125	Richard Lester	1983-06-17	Synthetic kryptonite laced with tobacco tar splits Super...
31	The Meaning of Life	1983	107	Terry Gilliam	1983-07-07	NULL
32	The Meaning of Life	1983	107	Terry Jones	1983-07-07	NULL
33	Indiana Jones and the Temple of Doom	1984	118	Steven Spielberg	1984-05-23	NULL

Query executed successfully. localhost (15.0 RTM) ansh (61) JSON 00:00:00 364 rows

## Movie\_writers

SQLQuery26.sql - lo...stJSON (ansh (61))

```
SELECT * FROM movie_writers
```

98 %

Results Messages

Writer_ID	movie_name	year	runtime	movie_writer	release_date	storyline
1	Dr. No	1962	110	Richard Maibaum	1962-10-05	A resourceful British government agent seeks answer...
2	Dr. No	1962	110	Johanna Harwood	1962-10-05	A resourceful British government agent seeks answer...
3	Dr. No	1962	110	Berkely Mather	1962-10-05	A resourceful British government agent seeks answer...
4	Dr. No	1962	110	Ian Fleming	1962-10-05	A resourceful British government agent seeks answer...
5	To Kill a Mockingbird	1962	129	Harper Lee	1962-12-25	Atticus Finch, a lawyer in the Depression-era South, d...
6	To Kill a Mockingbird	1962	129	Horton Foote	1962-12-25	Atticus Finch, a lawyer in the Depression-era South, d...
7	Whatever Happened To Baby Jane?	1962	134	Henry Farrell	1962-10-31	A former child star torments her paraplegic sister in th...
8	Whatever Happened To Baby Jane?	1962	134	Lukas Heller	1962-10-31	A former child star torments her paraplegic sister in th...
9	From Russia with Love	1963	115	Richard Maibaum	1963-10-10	James Bond willingly falls into an assassination play i...
10	From Russia with Love	1963	115	Johanna Harwood	1963-10-10	James Bond willingly falls into an assassination play i...
11	From Russia with Love	1963	115	Berkely Mather	1963-10-10	James Bond willingly falls into an assassination play i...
12	From Russia with Love	1963	115	Ian Fleming	1963-10-10	James Bond willingly falls into an assassination play i...
13	Goldfinger	1964	110	Richard Maibaum	1964-09-17	Investigating a gold magnate's smuggling, James Bo...
14	Goldfinger	1964	110	Paul Dehn	1964-09-17	Investigating a gold magnate's smuggling, James Bo...
15	Goldfinger	1964	110	Johanna Harwood	1964-09-17	Investigating a gold magnate's smuggling, James Bo...
16	Goldfinger	1964	110	Berkely Mather	1964-09-17	Investigating a gold magnate's smuggling, James Bo...
17	Goldfinger	1964	110	Ian Fleming	1964-09-17	Investigating a gold magnate's smuggling, James Bo...
18	The Sound of Music	1965	172	George Hurdalek	1965-03-29	A woman leaves an Austrian convent to become a gov...
19	The Sound of Music	1965	172	Howard Lindsay	1965-03-29	A woman leaves an Austrian convent to become a gov...
20	The Sound of Music	1965	172	Russel Crouse	1965-03-29	A woman leaves an Austrian convent to become a gov...
21	The Sound of Music	1965	172	Ernest Lehman	1965-03-29	A woman leaves an Austrian convent to become a gov...
22	The Sound of Music	1965	172	Maria von Trapp	1965-03-29	A woman leaves an Austrian convent to become a gov...
23	Thunderball	1965	130	Richard Maibaum	1965-12-09	James Bond heads to The Bahamas to recover two n...
24	Thunderball	1965	130	John Hopkins	1965-12-09	James Bond heads to The Bahamas to recover two n...
25	Thunderball	1965	130	Jack Whittingham	1965-12-09	James Bond heads to The Bahamas to recover two n...
26	Thunderball	1965	130	Kevin McCloy	1965-12-09	James Bond heads to The Bahamas to recover two n...
27	Thunderball	1965	130	Ian Fleming	1965-12-09	James Bond heads to The Bahamas to recover two n...
28	The Good, the Bad and the Ugly	1966	161	Luciano Vincenzoni	1966-12-29	A bounty hunting scam joins two men in an uneasy all...
29	The Good, the Bad and the Ugly	1966	161	Sergio Leone	1966-12-29	A bounty hunting scam joins two men in an uneasy all...
30	The Good, the Bad and the Ugly	1966	161	Agenore Incrocci	1966-12-29	A bounty hunting scam joins two men in an uneasy all...
31	The Good, the Bad and the Ugly	1966	161	Furio Scarpelli	1966-12-29	A bounty hunting scam joins two men in an uneasy all...
32	You Only Live Twice	1967	117	Harold Jack Bloom	1967-06-12	Agent 007 and the Japanese secret service ninja forc...
33	You Only Live Twice	1967	117	Roald Dahl	1967-06-12	Agent 007 and the Japanese secret service ninja forc...

Query executed successfully. localhost (15.0 RTM) ansh (61) JSON 00:00:00 829 rows