

# QUERY10

Compute the average budget of the films directed by Peter Jackson.

```
1 • use movie_db;
```

```
2
```

```
3
```

```
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2 • SELECT
3     AVG(movies.budget) AS avg_budget
4 FROM
5     movies
6
```

```
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2 • SELECT
3     AVG(movies.budget) AS avg_budget
4     FROM
5     movies
6     WHERE
7     movies.movie_id IN
8     (SELECT
9     movie_directors.movie_id
10    FROM
11    movie_directors
12    JOIN
13    directors
14    ON movie_directors.director_id = directors.director_id
15    AND
16    directors.director_name = 'Peter Jackson'
17    );
18
```

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```

Result Grid		Filter Rows:	Export:	Wrap Cell Content:	Result Grid	
avg_budget					Result Grid	
93666666.6667						

Result 1 x

Read Only

First, we combine the "movie\_directors" table with the "directors" table and select the "movie\_id" values of the movies directed by Peter Jackson.

Then, using these selected "movie\_id" values, we calculate the average budget values of the movies in the "movies" table and call it "avg\_budget".

As a result, we calculate the budget average of films directed by Peter Jackson.