

# Hands-on Lab: Working with Databases in Cloudant



Estimated time needed: **30** minutes

## Objectives

After completing this lab you will be able to:

- Create a database through the Cloudant dashboard
- Insert documents into your database to populate it
- Query documents with specific criteria
- Modify documents by updating and deleting them

## Prerequisite

In order to complete this lab, you will need to create an instance of Cloudant on IBM Cloud. If you haven't yet created one, you can create one by referring to the [Create an Instance of IBM Cloudant](#) lab.

Note: While working on this lab, you may be prompted to login when ever your session expires. Use your credentials to authenticate. This may happen when you step out or leave your Cloudant session unattended.

## Exercise 1 - Launch Cloudant Dashboard


Step 1: Click on [cloud.ibm.com/resources](https://cloud.ibm.com/resources).

Step 2: Click on the Services chevron.



Step 3: Click on your instance of Cloudant.



► Click here for Hint

Step 4: Click on Launch Dashboard.

 IBM Cloud

Search resources and offerings...






 Catalog Docs Support Manage  Ra

[Resource list](#) / mycloudant  Active [Add tags](#) 

**Manage**  
Service credentials  
Plan  
Connections

**Overview** Dashboard Capacity Docs


**Deployment details**




|  |  |
|--|--|
| CRN  | crn:v1:bluemix:public:cloudantnosqldb:eu-gb:a/9ff7e8c5d25d4ac7aa5dcdf28618b4db5a8db9::   |
| Location   | London   |
| External Endpoint  | <a href="https://4646e655-6aee-42d8-8b93-d2bde6e9a6ca-bluemix.cloudant.com">https://4646e655-6aee-42d8-8b93-d2bde6e9a6ca-bluemix.cloudant.com</a>         |
| External Endpoint (preferred)  | <a href="https://4646e655-6aee-42d8-8b93-d2bde6e9a6ca-bluemix.cloudantnosqldb.appdo">https://4646e655-6aee-42d8-8b93-d2bde6e9a6ca-bluemix.cloudantnosqldb.appdo</a>  |
| Authentication methods   | <a href="#">IBM Cloud IAM</a>  and <a href="#">Cloudant credentials</a>  |
| Activity Tracker event types  | <div>Management </div> <div>Save</div>  |
| Disk encryption  | Yes. Automatically generated disk encryption key.  |


**Capacity details**

## Exercise 2 - Create Database

Step 1: On the dashboard click on Create Database.

 **Databases**

Database name 

[Your Databases](#)

| Name | Size | # of Docs | Partitioned |
|------|------|-----------|-------------|
|------|------|-----------|-------------|

Step 2: Type **housing** as database name. Select 'Non-partitioned' and click on Create.

**Create Database**

Database name  
housing

Partitioning  
☐ Partitioned 
 ☒ Non-partitioned

> What is a Partitioned Database?

Cancel Create

In a few moments the database will be created. and you will be taken to a page that looks like the one below.

housing

Document ID Options { } JSON

All Documents +

Query

Permissions

Changes

Design Documents +

Create Document

No Documents Found

Showing 0 documents. Documents per page: 20

## Exercise 3 - Insert documents

Step 1: Click on **Create Document** to insert a document.

You will be presented the below screen, with a simple sample document.

housing > New Document { } JSON

Create Document Cancel

```
1 {
2   "_id": "0ec51619d15d138e95f1693c1c085ac6"
3 }
```

Cloudant uses `_id` key to uniquely identify a document. It is equivalent to the primary key in RDBMS. You can use your own custom values for `_id`.

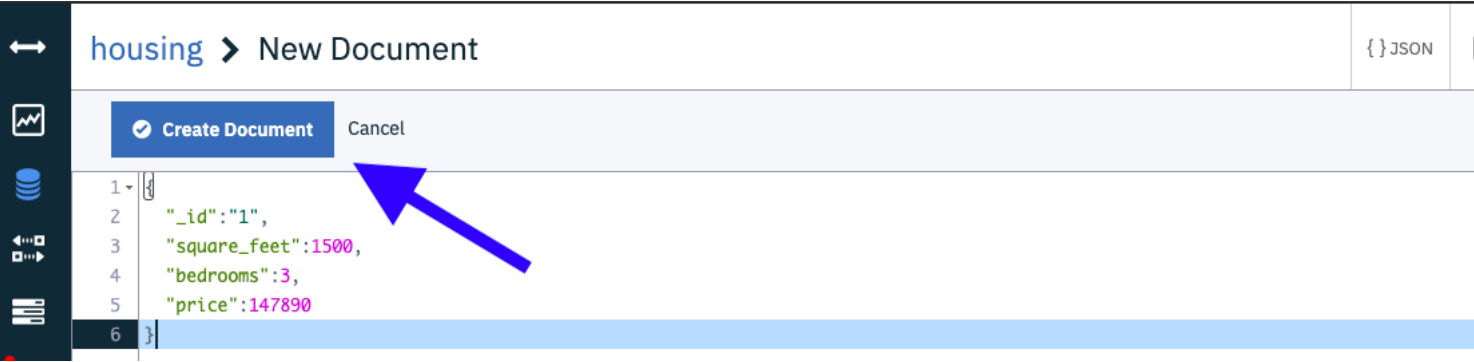
Copy and paste the below json document and click on **Create Document** button, as show in the image below.

```
1. 1
2. 2
3. 3
4. 4
5. 5
6. 6
7. 7

1.
2. {
3.   "_id": "1",
4.   "square_feet": 1500,
```

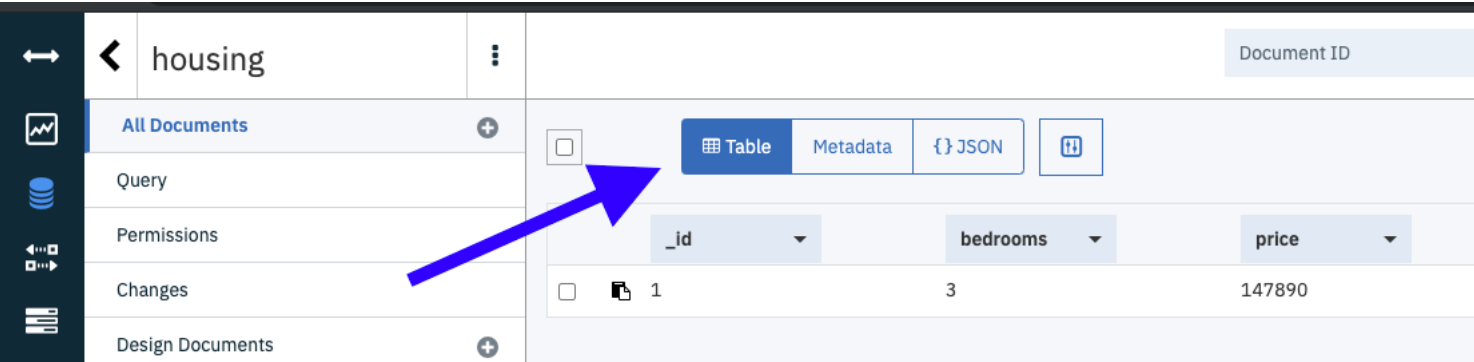
```
5.   "bedrooms":3,  
6.   "price":147890  
7. }
```

Copied!



Once the document is created, Cloudant will take you to a page with the list of documents.

Click on the Table view button. You should see a screen similar to the one below.



Follow the above mentioned process and insert the below 4 documents. Ensure you only insert one document at a time.

```
1. 1  
2. 2  
3. 3  
4. 4  
5. 5  
6. 6  
  
1. {  
2.   "_id": "2",  
3.   "square_feet": 1800,  
4.   "bedrooms": 3,  
5.   "price": 182650  
6. }
```

Copied!

```
1. 1  
2. 2  
3. 3  
4. 4  
5. 5  
6. 6  
7. 7  
  
1.  
2. {  
3.   "_id": "3",  
4.   "square_feet": 2000,  
5.   "bedrooms": 3,  
6.   "price": 201260  
7. }
```

Copied!

```
1. 1  
2. 2  
3. 3  
4. 4  
5. 5  
6. 6  
7. 7  
  
1.  
2. {  
3.   "_id": "4",  
4.   "square_feet": 2200,  
5.   "bedrooms": 4,
```

```
6.   "price":234980
7. }
```

Copied!

```
1. 1
2. 2
3. 3
4. 4
5. 5
6. 6
7. 7

1.
2. {
3.   "_id": "5",
4.   "square_feet":1100,
5.   "bedrooms":2,
6.   "price":114310
7. }
```

Copied!

After inserting the above documents your database should look like this.

housing

Document ID

Options

{ } JSON

All Documents

Query

Permissions

Changes

Design Documents

Table

Metadata

{ } JSON

Create Document

|                          |  | _id | bedrooms | price  | square_feet |
|--------------------------|--|-----|----------|--------|-------------|
| <input type="checkbox"/> |  | 1   | 3        | 147890 | 1500        |
| <input type="checkbox"/> |  | 2   | 3        | 182650 | 1800        |
| <input type="checkbox"/> |  | 3   | 3        | 201260 | 2000        |
| <input type="checkbox"/> |  | 4   | 4        | 234980 | 2200        |
| <input type="checkbox"/> |  | 5   | 2        | 114310 | 1100        |

Cloudant is a NoSQL database. It is a schema less database. All documents in a database need not have the same schema.

Let us insert two documents that have additional keys, compared to the previously inserted documents.

```
1. 1
2. 2
3. 3
4. 4
5. 5
6. 6
7. 7
8. 8
9. 9

1.
2. {
3.   "_id": "6",
4.   "square_feet":1400,
5.   "bedrooms":3,
6.   "price":123140,
7.   "type": "apartment",
8.   "floor":5
9. }
```

Copied!

```
1. 1
2. 2
3. 3
4. 4
5. 5
6. 6
7. 7
8. 8
9. 9

1.
2. {
3.   "_id": "7",
4.   "square_feet":3400,
5.   "bedrooms":4,
6.   "price":342720,
7.   "type": "villa",
8.   "car_parks":3
9. }
```

9. }

Copied!

After inserting the above documents your database should now look like this.

housing

Document ID

Options

JSON

All Documents

Query

Permissions

Changes

Design Documents

Table

Metadata

JSON

Create Document

|                          |  | _id | bedrooms | price  | square_feet | type      |
|--------------------------|--|-----|----------|--------|-------------|-----------|
| <input type="checkbox"/> |  | 1   | 3        | 147890 | 1500        |           |
| <input type="checkbox"/> |  | 2   | 3        | 182650 | 1800        |           |
| <input type="checkbox"/> |  | 3   | 3        | 201260 | 2000        |           |
| <input type="checkbox"/> |  | 4   | 4        | 234980 | 2200        |           |
| <input type="checkbox"/> |  | 5   | 2        | 114310 | 1100        |           |
| <input type="checkbox"/> |  | 6   | 3        | 123140 | 1400        | apartment |
| <input type="checkbox"/> |  | 7   | 4        | 342720 | 3400        | villa     |

# Exercise 4 - Query documents

Click on Query as shown in the image below.

housing

Document ID

Options

JSON

All Documents

Query

Permissions

Changes

Design Documents

Table

Metadata

JSON

Create Document

|                          |  | _id | bedrooms | price  | square_feet | type      |
|--------------------------|--|-----|----------|--------|-------------|-----------|
| <input type="checkbox"/> |  | 1   | 3        | 147890 | 1500        |           |
| <input type="checkbox"/> |  | 2   | 3        | 182650 | 1800        |           |
| <input type="checkbox"/> |  | 3   | 3        | 201260 | 2000        |           |
| <input type="checkbox"/> |  | 4   | 4        | 234980 | 2200        |           |
| <input type="checkbox"/> |  | 5   | 2        | 114310 | 1100        |           |
| <input type="checkbox"/> |  | 6   | 3        | 123140 | 1400        | apartment |
| <input type="checkbox"/> |  | 7   | 4        | 342720 | 3400        | villa     |

You will see a screen like this.

housing > Cloudant Query

Query history

Cloudant Query ?

```
1 {
2   "selector": {
3     "_id": {
4       "$gt": "0"
5     }
6   },
7   "fields": [
8     "_id",
9     "_rev"
10  ],
11  "sort": [
12    {
13      "_id": "asc"
14    }
15  ]
16 }
```

Run Query

Explain

manage indexes

No Documents Found

Replace the default query with the one given below, and click on the **Run Query** button.

1. 1
2. 2
3. 3

```
1. {
2.   "selector": {}
3. }
```

Copied!

housing > Cloudera Query

Query history

Cloudera Query ?

|   |                |
|---|----------------|
| 1 |                |
| 2 |                |
| 3 | {              |
| 4 | "selector": {} |
| 5 | }              |
| 6 |                |
| 7 |                |

Run Query Explain

manage indexes

You should see an output like this.

↔

housing > Cloudant Query

Query history

Cloudant Query ?

1. {

2.   "selector": {}

3. }

Run Query

Explain

manage indexes

Executed in 3 ms

Table

{ } JSON

|                          | _id | bedrooms | price  | square |
|--------------------------|-----|----------|--------|--------|
| <input type="checkbox"/> | 1   | 3        | 147890 | 1500   |
| <input type="checkbox"/> | 2   | 3        | 182650 | 1800   |
| <input type="checkbox"/> | 3   | 3        | 201260 | 2000   |
| <input type="checkbox"/> | 4   | 4        | 234980 | 2200   |
| <input type="checkbox"/> | 5   | 2        | 114310 | 1100   |
| <input type="checkbox"/> | 6   | 3        | 123140 | 1400   |
| <input type="checkbox"/> | 7   | 4        | 342720 | 3400   |

Try out these Cloudant queries.

Select all fields in all documents

```
1. 1
2. 2
3. 3
4. 4

1.
2. {
3.   "selector": {}
4. }
```

Copied!

Select all fields in all documents with \_id greater than 4

```
1. 1
2. 2
3. 3
4. 4
5. 5
6. 6
7. 7
8. 8

1.
2. {
3.   "selector": {
4.     "_id": {
5.       "$gt": "4"
6.     }
7.   }
8. }
```

Copied!

Select all fields in all documents with \_id less than 4

```
1. 1
2. 2
3. 3
4. 4
5. 5
6. 6
7. 7
8. 8

1.
2. {
3.   "selector": {
4.     "_id": {
5.       "$lt": "4"
6.     }
7.   }
8. }
```

about:blank

8/20



Copied!

Select the fields `_id`, `square_feet` and `price` in all documents

```
1. 1
2. 2
3. 3
4. 4
5. 5
6. 6
7. 7
8. 8
9. 9

1.
2. {
3.   "selector": {},
4.   "fields": [
5.     "_id",
6.     "price",
7.     "square_feet"
8.   ]
9. }
```

Copied!

Select the fields `_id`, `square_feet` and `price` in documents with `_id` less than 4

```
1. 1
2. 2
3. 3
4. 4
5. 5
6. 6
7. 7
8. 8
9. 9
10. 10
11. 11
12. 12
13. 13

1.
2. {
3.   "selector": {
4.     "_id": {
5.       "$lt": "4"
6.     }
7.   },
8.   "fields": [
9.     "_id",
10.    "price",
11.    "square_feet"
12.  ]
13. }
```

Copied!

Select the fields `_id`, `bedrooms` and `price` in documents with `_id` greater than 2 and sort by `_id` ascending

```
1. 1
2. 2
3. 3
4. 4
5. 5
6. 6
7. 7
8. 8
9. 9
10. 10
11. 11
12. 12
13. 13
14. 14
15. 15
16. 16
17. 17
18. 18

1.
2. {
3.   "selector": {
4.     "_id": {
5.       "$gt": "2"
6.     }
7.   },
8.   "fields": [
9.     "_id",
10.    "price",
11.    "square_feet"
12.  ],
13.   "sort": [
14.     {
15.       "_id": "asc"
16.     }
17.   ]
18. }
```

```
18. }
```

Copied!

Select the fields `_id`, `bedrooms` and `price` in documents with `_id` greater than 2 and sort by `_id` descending

```
1. 1
2. 2
3. 3
4. 4
5. 5
6. 6
7. 7
8. 8
9. 9
10. 10
11. 11
12. 12
13. 13
14. 14
15. 15
16. 16
17. 17
18. 18

1. {
2.   "selector": {
3.     "_id": {
4.       "$gt": "2"
5.     }
6.   },
7.   "fields": [
8.     "_id",
9.     "price",
10.    "square_feet"
11.  ],
12.   "sort": [
13.     {
14.       "_id": "desc"
15.     }
16.   ]
17. }
```

Copied!

# Exercise 5 - Update documents

Click on the database name `housing` as shown in the image below.

↔

housing > Cloudant Query

Query history

Cloudant Query ?

1. {

2. "selector": {

3. }

Run Query

Explain

manage indexes

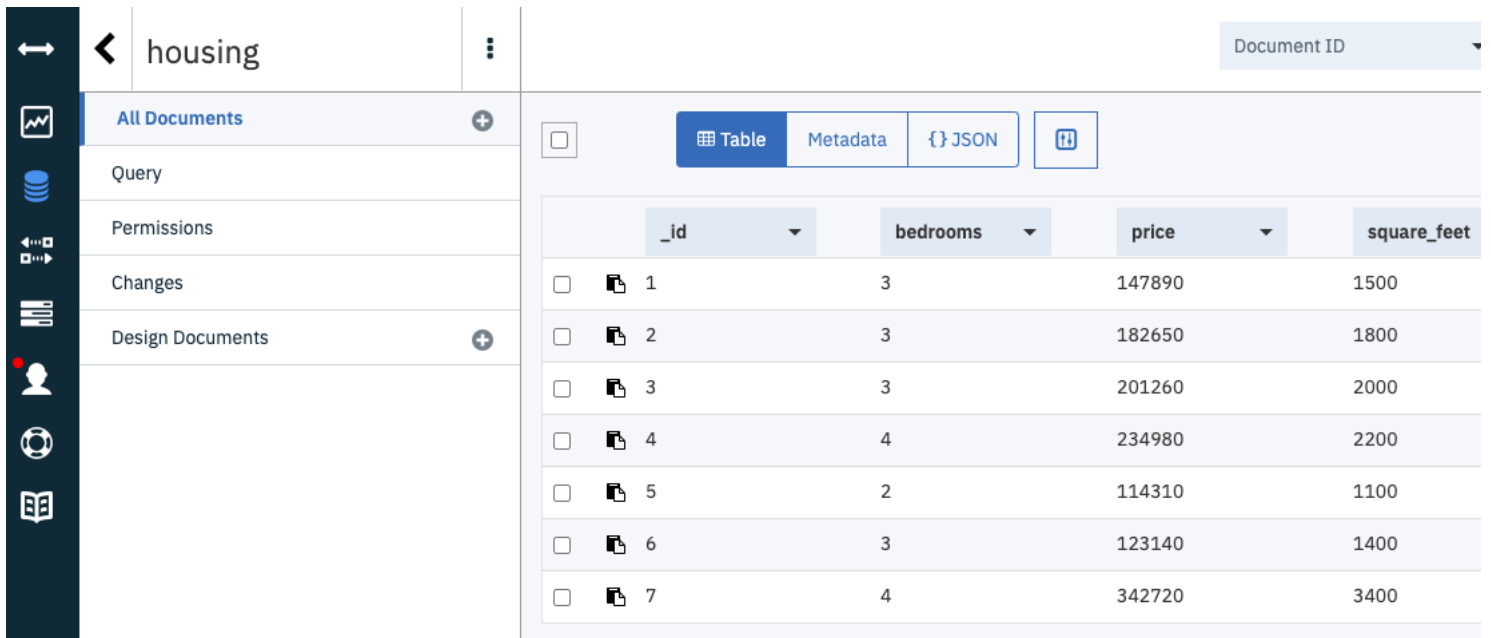
Executed in 3 ms

Table

{ } JSON

|                          | _id | bedrooms | price  | square |
|--------------------------|-----|----------|--------|--------|
| <input type="checkbox"/> | 1   | 3        | 147890 | 1500   |
| <input type="checkbox"/> | 2   | 3        | 182650 | 1800   |
| <input type="checkbox"/> | 3   | 3        | 201260 | 2000   |
| <input type="checkbox"/> | 4   | 4        | 234980 | 2200   |
| <input type="checkbox"/> | 5   | 2        | 114310 | 1100   |
| <input type="checkbox"/> | 6   | 3        | 123140 | 1400   |
| <input type="checkbox"/> | 7   | 4        | 342720 | 3400   |

You will see a screen as in the image below.



housing

Document ID

All Documents +

Query

Permissions

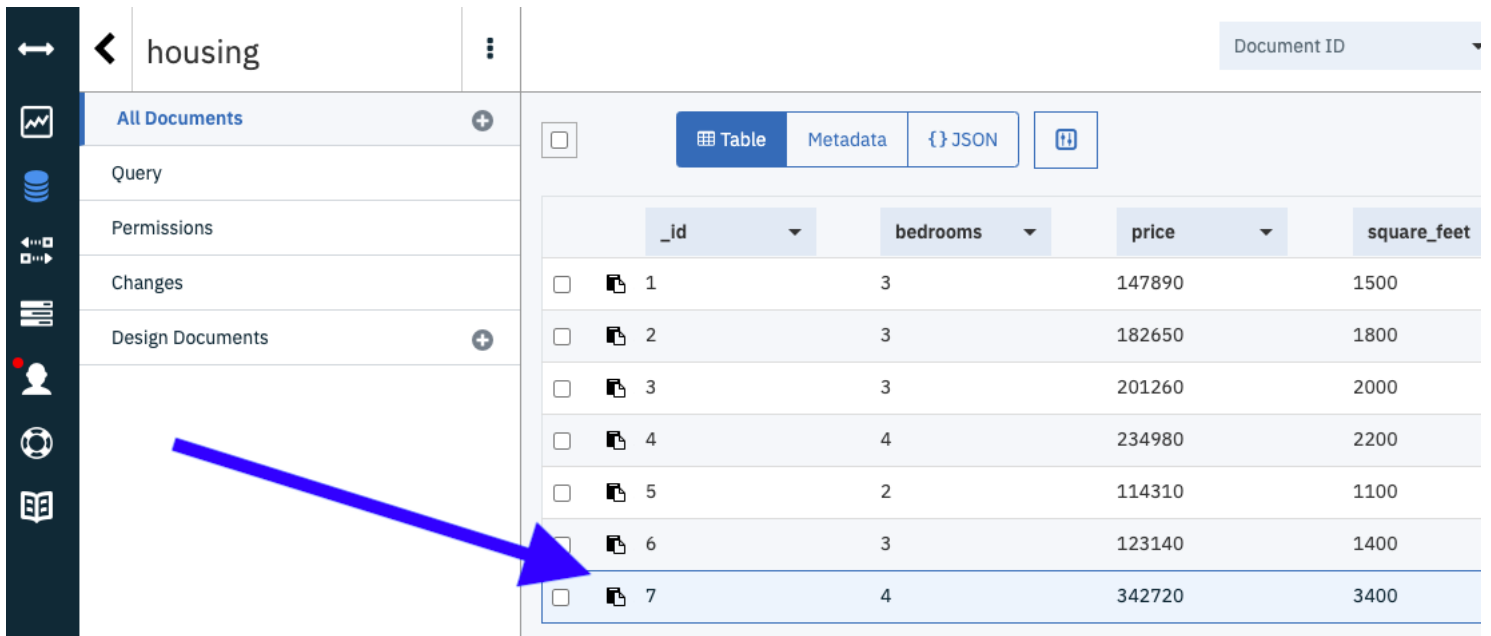
Changes

Design Documents +

Table Metadata {} JSON

|                          | _id | bedrooms | price  | square_feet |
|--------------------------|-----|----------|--------|-------------|
| <input type="checkbox"/> | 1   | 3        | 147890 | 1500        |
| <input type="checkbox"/> | 2   | 3        | 182650 | 1800        |
| <input type="checkbox"/> | 3   | 3        | 201260 | 2000        |
| <input type="checkbox"/> | 4   | 4        | 234980 | 2200        |
| <input type="checkbox"/> | 5   | 2        | 114310 | 1100        |
| <input type="checkbox"/> | 6   | 3        | 123140 | 1400        |
| <input type="checkbox"/> | 7   | 4        | 342720 | 3400        |

Click on the document with \_id 7.



housing

Document ID

All Documents +

Query

Permissions

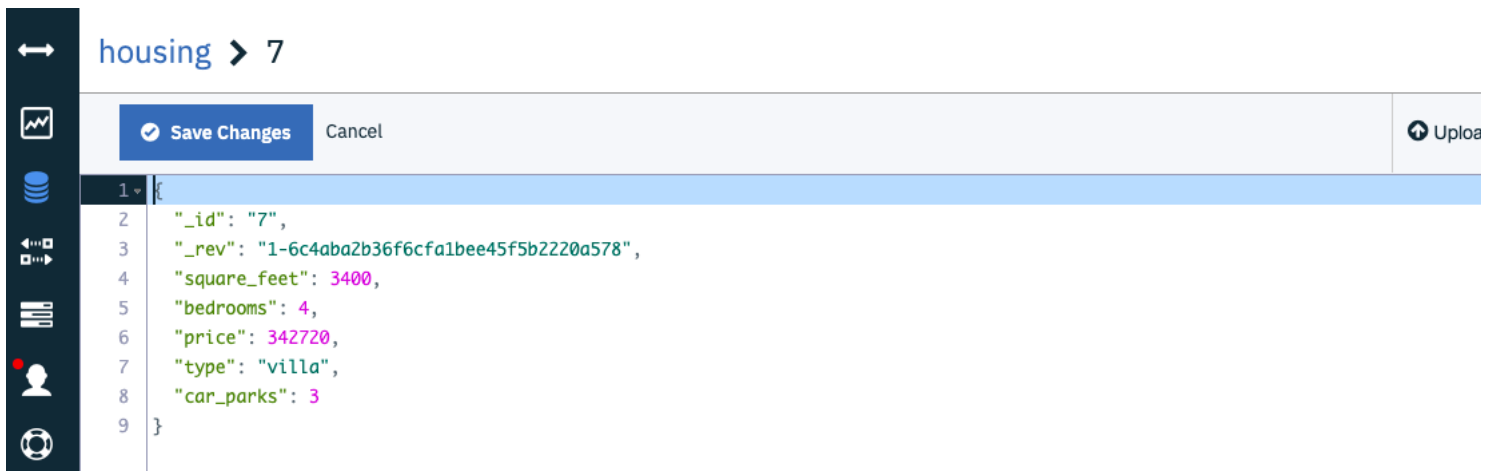
Changes

Design Documents +

Table Metadata {} JSON

|                          | _id | bedrooms | price  | square_feet |
|--------------------------|-----|----------|--------|-------------|
| <input type="checkbox"/> | 1   | 3        | 147890 | 1500        |
| <input type="checkbox"/> | 2   | 3        | 182650 | 1800        |
| <input type="checkbox"/> | 3   | 3        | 201260 | 2000        |
| <input type="checkbox"/> | 4   | 4        | 234980 | 2200        |
| <input type="checkbox"/> | 5   | 2        | 114310 | 1100        |
| <input type="checkbox"/> | 6   | 3        | 123140 | 1400        |
| <input type="checkbox"/> | 7   | 4        | 342720 | 3400        |

The document will open up like this.



housing > 7

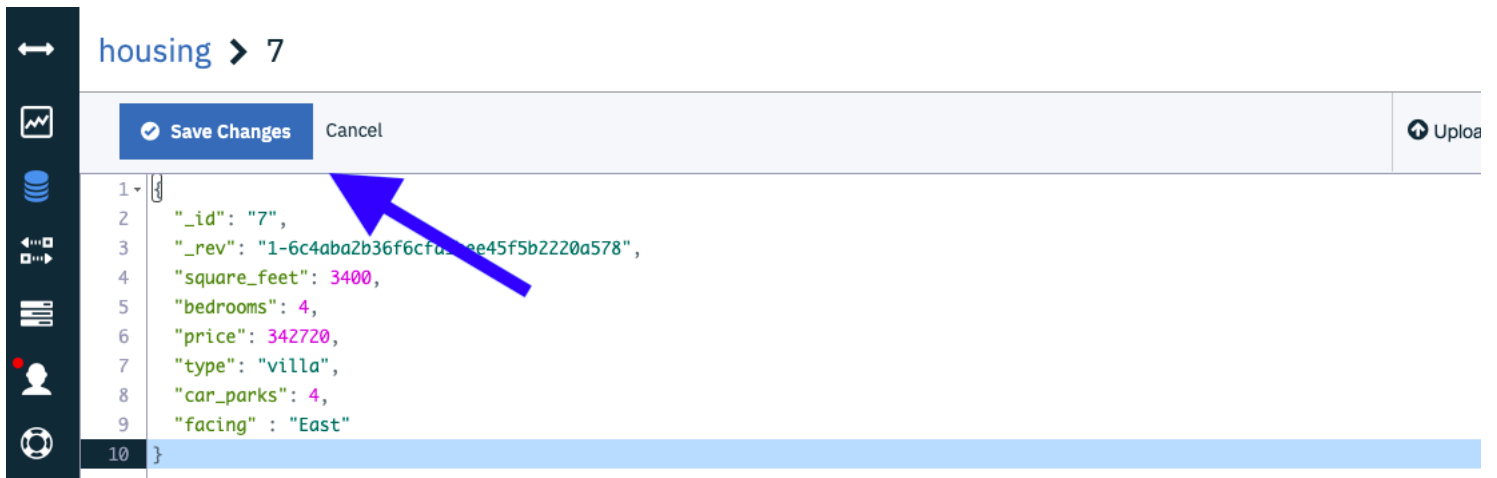
Save Changes Cancel

Upload

```

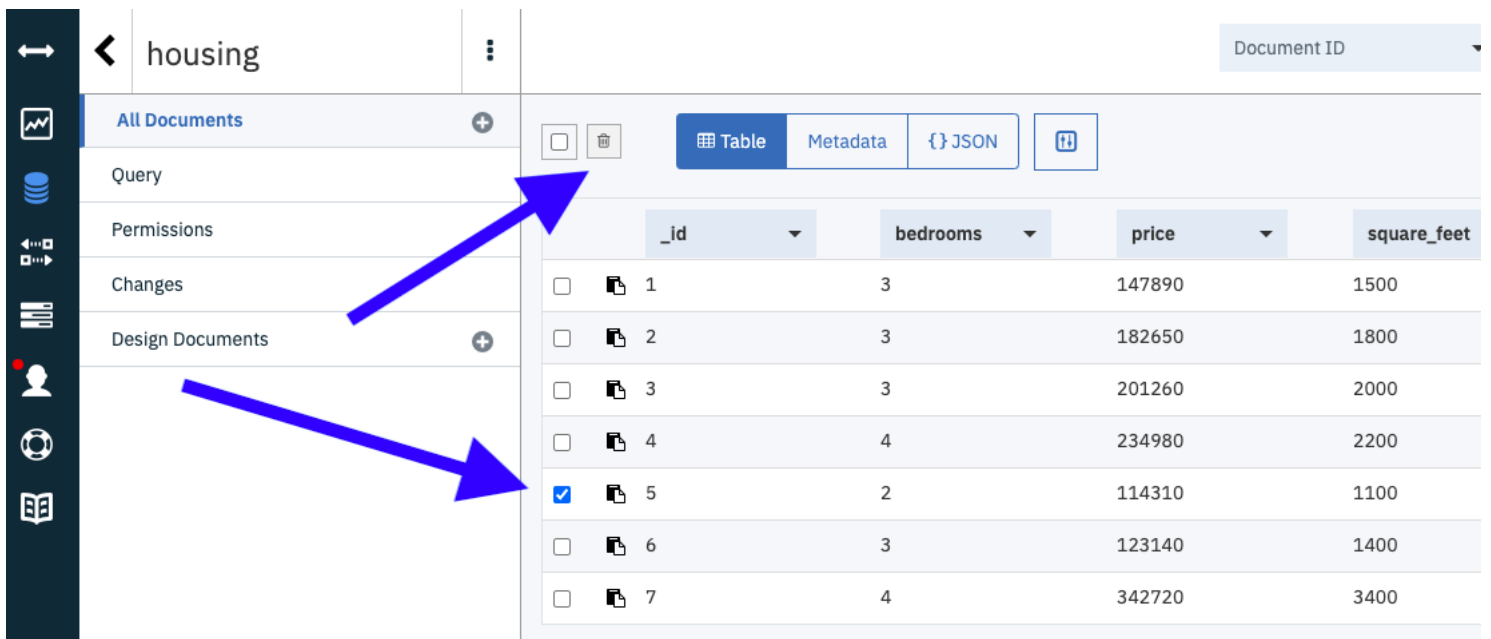
1 {
2   "_id": "7",
3   "_rev": "1-6c4aba2b36f6cfa1bee45f5b2220a578",
4   "square_feet": 3400,
5   "bedrooms": 4,
6   "price": 342720,
7   "type": "villa",
8   "car_parks": 3
9 }
```

Change the number of car parks to 4 and add facing key with value East, as shown in the image below. Click save changes to save the document.



## Exercise 6 - Delete documents

Select the document you wish to delete and click on the delete icon as shown in the image below.



You will get a pop up asking “Are you sure you want to delete this doc?”

Click ok.

## Practice exercises

1. Create a database named **diamonds**.

▼ Click here for Hint

Click on Create Database

Enter **diamonds** as the database name.

Select ‘Non-partitioned’.

Click on Create

Refer to Exercise 2 if you wish to revise this topic.

▼ Click here for Solution

Log Out

Showing 1-4 of 4 database

1. 1
2. 2
3. 3
4. 4
5. 5
6. 6
7. 7
8. 8
9. 9
10. 10
11. 11
12. 12
13. 13
14. 14
15. 15
16. 16
17. 17
18. 18
19. 19
20. 20
21. 21
22. 22
23. 23
24. 24
25. 25
26. 26
27. 27
28. 28
29. 29
30. 30
31. 31
32. 32
33. 33
34. 34
35. 35
36. 36
37. 37
38. 38
39. 39
40. 40

41. 41  
42. 42  
43. 43  
44. 44  
45. 45  
46. 46  
47. 47  
48. 48  
49. 49  
50. 50  
51. 51  
52. 52  
53. 53  
54. 54  
55. 55  
56. 56  
57. 57  
58. 58  
59. 59  
60. 60  
61. 61  
62. 62  
63. 63  
64. 64  
65. 65  
66. 66  
67. 67  
68. 68  
69. 69  
70. 70  
71. 71  
72. 72  
73. 73  
74. 74  
75. 75  
76. 76  
77. 77  
78. 78  
79. 79  
80. 80  
81. 81  
82. 82  
83. 83  
84. 84  
85. 85  
86. 86  
87. 87  
88. 88  
89. 89  
90. 90  
91. 91  
92. 92  
93. 93  
94. 94  
95. 95  
96. 96  
97. 97  
98. 98  
99. 99  
100. 100  
101. 101  
102. 102  
103. 103  
104. 104  
105. 105  
106. 106  
107. 107  
108. 108  
109. 109  
110. 110  
111. 111  
112. 112  
113. 113  
114. 114

```
1.  {
2.    "_id": "1",
3.    "carat": 0.31,
4.    "cut": "Ideal",
5.    "color": "J",
6.    "clarity": "SI2",
7.    "depth": 62.2,
8.    "table": 54,
9.    "price": 339
10. }
11.
12. {
13.   "_id": "2",
14.   "carat": 0.2,
15.   "cut": "Premium",
16.   "color": "E",
17.   "clarity": "SI2",
18.   "depth": 60.2,
19.   "table": 62,
20.   "price": 351
21.
22. }
23.
```

```
24.  {
25.    "_id": "3",
26.    "carat": 0.32,
27.    "cut": "Premium",
28.    "color": "E",
29.    "clarity": "I1",
30.    "depth": 60.9,
31.    "table": 58,
32.    "price": 342
33.  }
34.
35.
36.
37.  {
38.    "_id": "4",
39.    "carat": 0.3,
40.    "cut": "Good",
41.    "color": "J",
42.    "clarity": "SI1",
43.    "depth": 63.4,
44.    "table": 54,
45.    "price": 349
46.  }
47.
48.
49.  {
50.    "_id": "5",
51.    "carat": 0.3,
52.    "cut": "Good",
53.    "color": "J",
54.    "clarity": "SI1",
55.    "depth": 63.8,
56.    "table": 56,
57.    "price": 347
58.  }
59.
60.
61.  {
62.    "_id": "6",
63.    "carat": 0.3,
64.    "cut": "Very Good",
65.    "color": "J",
66.    "clarity": "SI1",
67.    "depth": 62.7,
68.    "table": 59,
69.    "price": 349
70.  }
71.
72.  {
73.    "_id": "7",
74.    "carat": 0.3,
75.    "cut": "Good",
76.    "color": "I",
77.    "clarity": "SI2",
78.    "depth": 63.3,
79.    "table": 56,
80.    "price": 343
81.  }
82.
83.  {
84.    "_id": "8",
85.    "carat": 0.23,
86.    "cut": "Very Good",
87.    "color": "E",
88.    "clarity": "VS2",
89.    "depth": 63.8,
90.    "table": 55,
91.    "price": 339
92.  }
93.
94.  {
95.    "_id": "9",
96.    "carat": 0.23,
97.    "cut": "Very Good",
98.    "color": "H",
99.    "clarity": "VS1",
100.    "depth": 61,
101.    "table": 57,
102.    "price": 323
103.  }
104.
105.  {
106.    "_id": "10",
107.    "carat": 0.31,
108.    "cut": "Very Good",
109.    "color": "J",
110.    "clarity": "SI1",
111.    "depth": 59.4,
112.    "table": 62,
113.    "price": 346
114.  }
```

Copied!

▼ Click here for Hint

Click on create Document

Copy and paste the document in the text box.

Click on [Create Document](#)

Refer to [Exercise 3](#) if you wish to revise this topic.

▼ [Click here for Solution](#)

↔

diamonds > New Document

✓ Create Document

Cancel

1

2

3

4

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8

9

10

"\_id": 1,

"carat": 0.31,

"cut": "Ideal",

"color": "J",

"clarity": "SI2",

"depth": 62.2,

"table": 54,

"price": 339

}

Log Out

3. Write a query to fetch all documents

▼ [Click here for Hint](#)

Go to the **Query** page.

Write the query in JSON form in the query box.

Click on [Run Query](#)

Refer to [Exercise 4](#) if you wish to revise this topic.

▼ [Click here for Solution](#)



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Log Out

diamonds > Cloudant Query

Query history ▾

Cloudant Query ?

```

1 {
2   "selector": {}
3 }

```

Run Query

Explain

manage indexes

ⓘ Executed in 3 ms

☐

Table

{ } JSON

☐

|                            | _id ▾ | carat ▾ | clarity ▾ | color |
|----------------------------|-------|---------|-----------|-------|
| <input type="checkbox"/> 📄 | 1     | 0.31    | SI2       | J     |
| <input type="checkbox"/> 📄 | 10    | 0.31    | SI1       | J     |
| <input type="checkbox"/> 📄 | 2     | 0.2     | SI2       | E     |
| <input type="checkbox"/> 📄 | 3     | 0.32    | I1        | E     |
| <input type="checkbox"/> 📄 | 4     | 0.3     | SI1       | J     |
| <input type="checkbox"/> 📄 | 5     | 0.3     | SI1       | J     |
| <input type="checkbox"/> 📄 | 6     | 0.3     | SI1       | J     |
| <input type="checkbox"/> 📄 | 7     | 0.3     | SI2       | I     |
| <input type="checkbox"/> 📄 | 8     | 0.23    | VS2       | E     |
| <input type="checkbox"/> 📄 | 9     | 0.23    | VS1       | H     |

Showing 5 of 9 columns. ☐ Show all columns.

Showing document 1 - 1

4. Write a query to fetch all documents with `_id` greater than 2

▼ Click here for Hint

Go to the **Query** page.

Write the query in JSON form in the query box.

Click on Run Query

Refer to Exercise 4 if you wish to revise this topic.

▼ [Click here for Solution](#)

5. Write a query to fetch all documents with `_id` less than 4

▼ Click here for Hint

Go to the **Query** page.

Write the query in JSON form in the query box.

Click on Run Query

Refer to Exercise 4 if you wish to revise this topic.

▼ [Click here for Solution](#)

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Log Out

diamonds > Cloudant Query

Query history

Cloudant Query ?

1 {

2 "selector": {

3 "id": {

4 "\$lt": "4"

5 }

6 }

7 }

Run Query

Explain

manage indexes

🕒 Executed in 2 ms

☐

Table

{ } JSON

|                          | _id | carat | clarity | color |
|--------------------------|-----|-------|---------|-------|
| <input type="checkbox"/> | 1   | 0.31  | SI2     | J     |
| <input type="checkbox"/> | 10  | 0.31  | SI1     | J     |
| <input type="checkbox"/> | 2   | 0.2   | SI2     | E     |
| <input type="checkbox"/> | 3   | 0.32  | I1      | E     |

Showing 5 of 9 columns.

☐ Show all columns.

Showing document 1

6. Set the price of the diamond with `_id` 7 to 352

▼ Click here for Hint

From the list of documents, click on the document with `_id 7`.

Make the changes.

Click on Save Changes

Refer to Exercise 5 if you wish to revise this topic.

▼ [Click here for Solution](#)

↔

diamonds > 7

Save Changes

Cancel

Upload

1

2

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11

"\_id": "7",

"\_rev": "1-b709e1c9ca25953abb6e0f991c14ec31",

"carat": 0.3,

"cut": "Good",

"color": "I",

"clarity": "SI2",

"depth": 63.3,

"table": 56,

"price": 352

}

Log Out

7. Delete the document with `_id 3`

- ▶ [Click here for Hint](#)
- ▶ [Click here for Solution](#)

Authors

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Change Log

| Date (YYYY-MM-DD) | Version | Changed By        | Change Description                              |
|-------------------|---------|-------------------|---|
| 2021-10-25        | 0.5     | Kathy An          | Updated lab instructions                        |
| 2021-04-28        | 0.4     | Steve Ryan        | Changed IBM cloud links to markdown format      |
| 2021-04-14        | 0.3     | Steve Ryan        | Review pass                                     |
| 2021-04-13        | 0.2     | Ramesh Sannareddy | Added hints and solutions to practice exercises |
| 2021-04-6         | 0.1     | Ramesh Sannareddy | Created initial version of the lab              |

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