

TUGAS 1

NO SQL



Disusun Oleh :

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1. HITUNG JUMLAH DATANYA BERAPA (COUNT)

Documents 14

Aggregations

Schema

Indexes 1

Validation

Count

Untitled - modified

SAVE

+ CREATE NEW

EXPORT TO LANGUAGE

14 Documents in the collection

Preview of documents

_id: ObjectId('665dd8f0309b8a4bef89fde8')

id_karyawan: "205001"

nama: "Widjo"

jenkel: "Laki-Laki"

jabatan: "Manager"

gaji: 10000000

alamat: "Pangkep"

no_hp: "085678543129"

_id: ObjectId('665dd9c7309b8a4bef89fde9')

id_karyawan: "205002"

nama: "Sunar"

jenkel: "Laki-Laki"

jabatan: "Manager"

gaji: 10000000

alamat: "Enrekang"

no_hp: "085678543874"

_id: ObjectId('665dd9f2309b8a4bef89fde9')

id_karyawan: "205003"

nama: "Irsyad"

jenkel: "Laki-Laki"

jabatan: "Staff"

gaji: 7500000

alamat: "Pinrang"

no_hp: "085678547639"

Stage1

Count

1 /**

2 * Provide the field name for the count.

3 */

4 'string'

Output after Count stage (Sample of 1 document)

string: 14

+ Add Stage

Learn more about aggregation pipeline stages

Pilih \$count di dalam pilihan dalam menu stage....dan outputnya akan menampilkan jumlah data yang ada dalam collection atau table.

2. CARI BERDASARKAN JABATAN

The screenshot shows the PTundipa database interface. The query bar contains `{jabatan: "office boy"}`. Below the query bar, there are buttons for **ADD DATA**, **EXPORT DATA**, **UPDATE**, and **DELETE**. The results table shows 4 records for employees with the job title "office boy".

	_id ObjectId	id_karyawan String	nama String	jenkel String	jabatan String	gaji
1	ObjectId('665ddb71309b8a4...)	"205007"	"Vikar"	"Laki-laki"	"office boy"	5000
2	ObjectId('665ddb95309b8a4...)	"205008"	"Zaky"	"Laki-laki"	"office boy"	5000
3	ObjectId('665ddb0309b8a4...)	"205009"	"Fahru"	"Laki-laki"	"office boy"	5000
4	ObjectId('665ddc35309b8a4...)	"205010"	"Aditya"	"Laki-laki"	"office boy"	5000

Ketik di kolom pencarian { field : 'query' } untuk memfilter data berdasarkan yang dicari, contohnya {jabatan: "office boy"} untuk mencari karyawan yang berjabatan office boy.

The screenshot shows the PTundipa database interface. The query bar contains `{jabatan:"Satpam"}`. Below the query bar, there are buttons for **ADD DATA**, **EXPORT DATA**, **UPDATE**, and **DELETE**. The results table shows 3 records for employees with the job title "Satpam".

	_id ObjectId	id_karyawan String	nama String	jenkel String	jabatan String	gaji
1	ObjectId('665ddc5b309b8a4...)	"205011"	"Salman"	"Laki-laki"	"Satpam"	5000
2	ObjectId('665ddc7d309b8a4...)	"205012"	"Raflly"	"Laki-laki"	"Satpam"	5000
3	ObjectId('665ddcd7309b8a4...)	"205013"	"Nanda"	"Laki-laki"	"Satpam"	5000

{jabatan:"Satpam"} untuk mencari jabatan Satpam

3. CARI BERDASARKAN GAJI

The screenshot shows the MongoDB Compass interface. The query bar contains `{gaji:{"$gt": 7500000}}`. The results table shows 5 employees with salaries of 10,000,000, 10,000,000, 8,000,000, 8,000,000, and 12,000,000 respectively.

	_id ObjectId	id_karyawan String	nama String	jenkel String	jabatan String	gaji
1	ObjectId('665dd8f0309b8a4...')	"205001"	"Widjo"	"Laki-Laki"	"Manager"	10000000
2	ObjectId('665dd9c7309b8a4...')	"205002"	"Sunar"	"Laki-Laki"	"Manager"	10000000
3	ObjectId('665ddb02309b8a4...')	"205005"	"Marliza"	"Perempuan"	"asisten"	8000000
4	ObjectId('665ddb1d309b8a4...')	"205006"	"Wilan"	"Perempuan"	"asisten"	8000000
5	ObjectId('665ddd0b309b8a4...')	"205014"	"Makkul"	"Laki-Laki"	"CEO"	12000000

Cari gaji karyawan di atas Rp 7.500.00 dengan menggunakan perintah `{gaji:{"$gt": 7500000}}`

The screenshot shows the MongoDB Compass interface. The query bar contains `{gaji:{"$lt": 7500000}}`. The results table shows 7 employees with salaries of 5,000,000, 5,000,000, 5,000,000, 5,000,000, 5,000,000, 5,000,000, and 5,000,000 respectively.

	_id ObjectId	id_karyawan String	nama String	jenkel String	jabatan String	gaji
1	ObjectId('665ddb71309b8a4...')	"205007"	"Vikar"	"Laki-laki"	"office boy"	5000000
2	ObjectId('665ddb95309b8a4...')	"205008"	"Zaky"	"Laki-laki"	"office boy"	5000000
3	ObjectId('665ddb0d309b8a4...')	"205009"	"Fahrul"	"Laki-laki"	"office boy"	5000000
4	ObjectId('665ddc35309b8a4...')	"205010"	"Aditya"	"Laki-laki"	"office boy"	5000000
5	ObjectId('665ddc5b309b8a4...')	"205011"	"Salman"	"Laki-laki"	"Satpam"	5000000
6	ObjectId('665ddc7d309b8a4...')	"205012"	"Rafly"	"Laki-laki"	"Satpam"	5000000
7	ObjectId('665ddcd7309b8a4...')	"205013"	"Nanda"	"Laki-laki"	"Satpam"	5000000

Cari gaji karyawan kurang dari Rp 7.500.00 dengan menggunakan perintah `{gaji:{"$lt": 7500000}}`

4. BERDASARKAN JENIS KELAMIN

The screenshot shows the MongoDB Compass interface. The query bar contains `{jenkel:"Laki-Laki"}`. The results table displays 4 documents.

	_id ObjectId	id_karyawan String	nama String	jenkel String	jabatan String	gaji
1	ObjectId('665dd8f0309b8a4...')	"205001"	"Widio"	"Laki-Laki"	"Manager"	10000
2	ObjectId('665dd9c7309b8a4...')	"205002"	"Sunar"	"Laki-Laki"	"Manager"	10000
3	ObjectId('665dd9f0309b8a4...')	"205003"	"Irsyad"	"Laki-Laki"	"Staff"	75000
4	ObjectId('665dda3c309b8a4...')	"205004"	"Yevgeny"	"Laki-Laki"	"Staff"	75000

Cari jenis kelamin berdasarkan jenis kelamin Laki-Laki

The screenshot shows the MongoDB Compass interface. The query bar contains `{jenkel:"Perempuan"}`. The results table displays 2 documents.

	_id ObjectId	id_karyawan String	nama String	jenkel String	jabatan String	gaji
1	ObjectId('665ddb02309b8a4...')	"205005"	"Marliza"	"Perempuan"	"asisten"	80000
2	ObjectId('665ddb1d309b8a4...')	"205006"	"Wilan"	"Perempuan"	"asisten"	80000

Cari jenis kelamin berdasarkan jenis kelamin Perempuan