

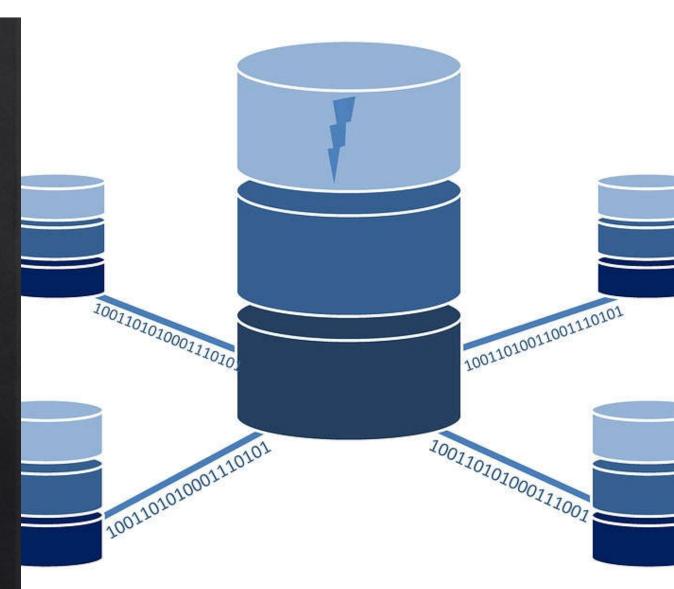
Formação Engenheiro de Dados

Banco de Dados de Documentos



Banco de Dados de Documentos

- ♦ Armazenam chave/valor
- Diferente do Key Value Pair, o valor é um documento estruturado e indexado, com metadados
- Valor (Documento), pode ser consultado



```
tamp":"2017-06-03T18:42:18.018.JSON
                                               :"Com.orgmanager.nanulers.Requesthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastarthandlastart
                                                      onMillis": "36"}{"timestamp": "2017-06-03T18: 43:335.030"; "Class": "COM ODGOO";
                                                   ams":"file=chartdata_new.json", "class":"com.orgmanager.handlers":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dadss":"dad
                                             onID":"144o2n620jm9trnd3s3n7wg0k", "class":"com.orgmanager.indelt.
startMillis":"0", "level":"INFO", "webURL":"/app/page/report:
                                                      ID": "789d89cb-bfa8-4e7d-8047-498454af885d", "sessionID": "144o2n620jm9t"
                                                    onMillis":"7"}{"timestamp":"2017-06-03T18:46:921.000", "deltastartmi
♦ JSON: JavaScript Object Notation
                                                                                                                                         190 , "message": "Duration Log", "durationMillis": "10"}{"timestamp
♦ Feito para troca de dados e", "webparams": "file=chartdata_new.json"; "timestampe to para troca de dados e", "webparams": "file=chartdata_new.json"; "timestampe to para troca de dados e ", "webparams": "file=chartdata_new.json"; "timestampe to para troca de dados e ", "webparams": "file=chartdata_new.json"; "timestampe to para troca de dados e ", "webparams": "file=chartdata_new.json"; "timestampe to para troca de dados e ", "webparams": "file=chartdata_new.json"; "timestampe to para troca de dados e ", "webparams": "file=chartdata_new.json"; "timestampe to para troca de dados e ", "webparams": "file=chartdata_new.json"; "timestampe to para troca de dados e ", "webparams": "file=chartdata_new.json"; "timestampe to para troca de dados e ", "webparams": "file=chartdata_new.json"; "timestampe to para troca de dados e ", "timestampe tr
com.orgmanager.handlers.RequestHandler", "method":"handle", "requestID
                                                     ars":"5022", "message":"Duration Log", "durationMillis":"508"}{"time
                                                ":"/app/page/analyze", "webparams":"null", "class":"com.orgmanager.handill":"14402n620jm9tri":"14402n620jm9tri":"14402n620jm9tri":"14402n620jm9tri":"14402n620jm9tri":"14402n620jm9tri":"14402n620jm9tri":"14402n620jm9tri":"14402n620jm9tri":"14402n620jm9tri":"14402n620jm9tri":"14402n620jm9tri":"14402n620jm9tri":"14402n620jm9tri":"14402n620jm9tri":"14402n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n620jm9tri":"14602n6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  com.orgmanager.handl
                                                BMS":"36"}{"timestamp":"2017-06-03T18:43:335.030", "deltastartMillis":"class":"com.orgmanager.metastartMillis":"class":"com.orgmanager.metastartMillis":"class":"com.orgmanager.metastartMillis":"deltastartMillis":"class":"com.orgmanager.metastartMillis":"deltastartMillis":"deltastartMillis":"deltastartMillis":"level":"sizechars:"deltastartMillis":"deltastartMillis":"level":"INFO", "webURL":"/appe/pageoide.metastartMillis":"o", "level":"INFO", "webURL":"/appe/sageoide.metastartMillis":"o", "level":"'appe/sageoide.metastartMillis":"o", "level":"o", "level
```

JSON

Estrutura nome/valor, entre aspas duplas



Dados separados por vírgula



Chaves separam objetos



Vetores entre colchetes



JSON

- ♦ Tipos:
 - ♦ String
 - ⋄ Numero
 - ♦ Vetor
 - ♦ Booleano
 - ♦ Nulo
 - ⋄ Objeto



```
{"clientes":[
    { "nome" "Fernando", "sobrenome", "Amaral" },
    { "nome": "Anna", "sobrenome": "Ebling" },
    { "nome": "Pedro", "sobrenome": "Soares" }
]}
```