

this is similar to adding columns to the data set like our traditional databases like Oracle  
and we can modify the data sets to integer to float whatever we want

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## THIS IS SAME AS

Create a table in the Hive metastore using the Avro file format and an external schema file

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**first we need to copy .avsc files into hdfs  
this file will be created during sqoop import**

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```
CREATE EXTERNAL TABLE departments
STORED AS AVRO
LOCATION 'hdfs:///user/hive/warehouse/retail_stage.db/departments'
TBLPROPERTIES
('avro.schema.url'='hdfs://quickstart.cloudera/user/cloudera/avscData/departments.
avsc');
```

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## NOW BY USING avsc FILE MAKE A COPY OF IT

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```
cp departments.avsc china.avsc
view china.avsc
```

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## MODIFYING FILE

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```
{
  "type" : "record",
  "name" : "departments",
  "doc" : "Sqoop import of departments",
  "fields" : [ {
    "name" : "department_id",
    "type" : [ "int", "null" ],
    "default" : null,
    "columnName" : "department_id",
    "sqlType" : "4"
```

```

}, {
  "name" : "department_name",
  "type" : [ "string", "null" ],
  "default" : null,
  "columnName" : "department_name",
  "sqlType" : "12"
}, {
  "name" : "department_sunny",
  "type" : [ "string", "null" ],
  "default" : "defvalue",
  "columnName" : "department_sunny",
  "sqlType" : "12"
}, {
  "name" : "department_mahi",
  "type" : [ "int", "null" ],
  "default" : -1,
  "columnName" : "department_mahi",
  "sqlType" : "12"
} ],
"departments.avsc" 32L, 756C
26,5      Top

```

\*\*\*\*\*For string

\*\*\*\*\*Expects closed brackets

\*\*\*\*\* For Int

\*\*\*\*\* No closed brackets