***Season-storage\_integration***

* *This repository contains SQL scripts for integrating Snowflake with AWS S3 for Power BI analysis.*

create or replace storage integration integration\_PBI

type = external\_stage

storage\_provider = 'S3'

enabled = true

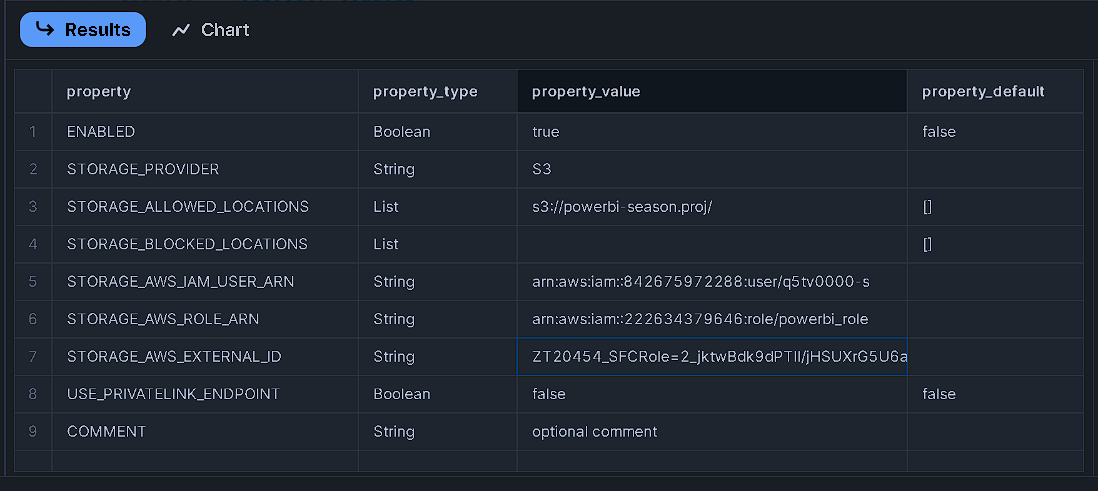
storage\_aws\_role\_arn = 'arn:aws:iam::222634379646:role/powerbi\_role'

storage\_allowed\_locations = ('s3://powerbi-season.proj/')

comment = 'optional comment'

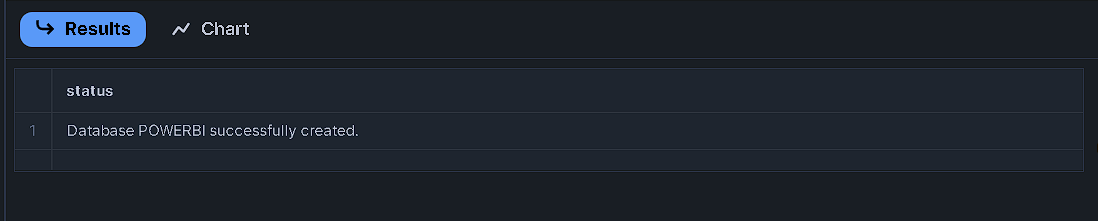
//description integration obj

desc integration integration\_PBI;

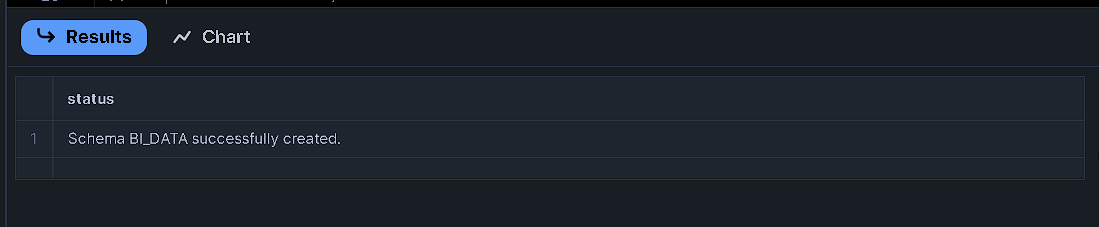
**RESULTS:**

***Season-CREATE DB, Schema, Table & Stage***

CREATE database PowerBI;

**RESULTS:**

create schema BI\_Data;

**RESULTS:**

create table BI\_Dataset (

Year int, Location string, Area int,

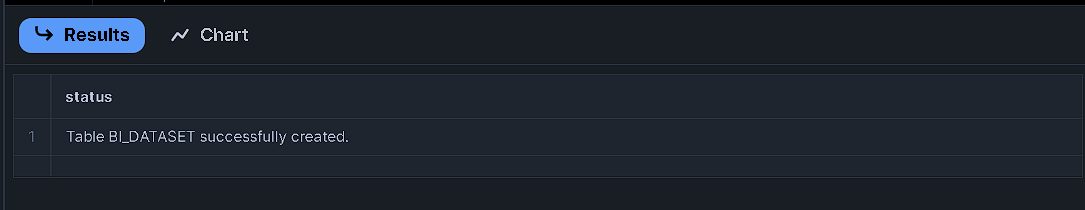
Rainfall float, Temperature float, Soil\_type string,

Irrigation string, yeilds int,Humidity float,

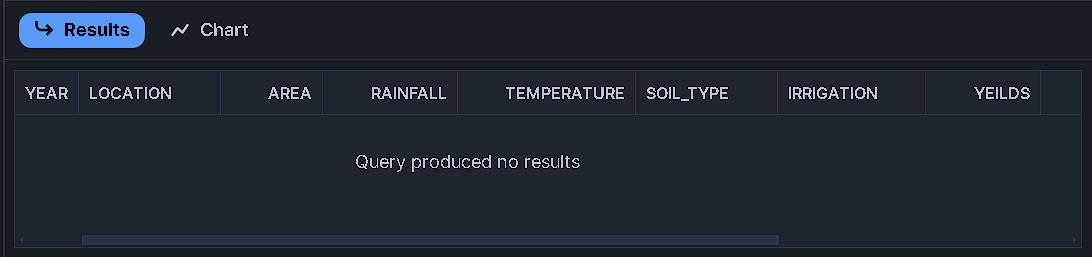
Crops string,price int,Season string

);

**RESULTS:**



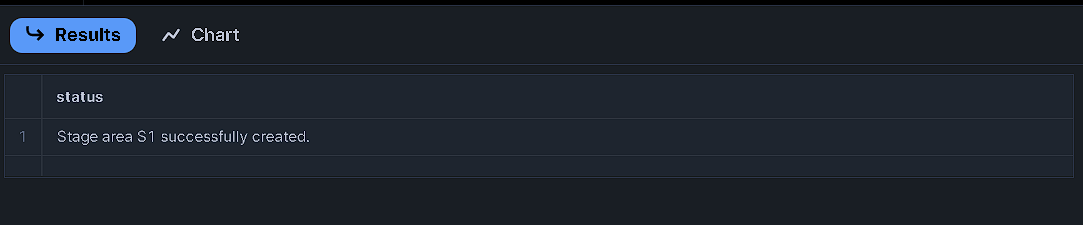
select \* from BI\_Dataset;

**RESULTS:**

create stage BI\_Data.s1

url = 's3://powerbi-season.proj'

storage\_integration = integration\_PBI

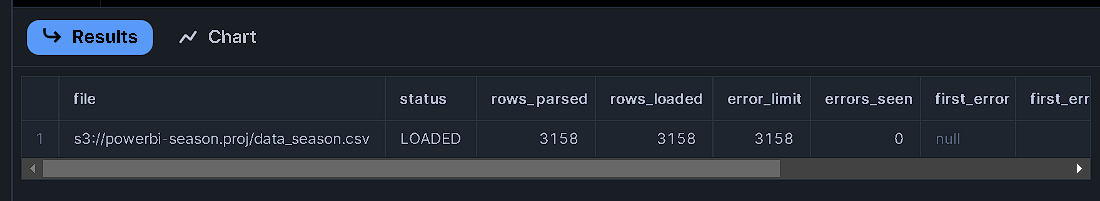
**RESULTS:**

copy Into BI\_Dataset

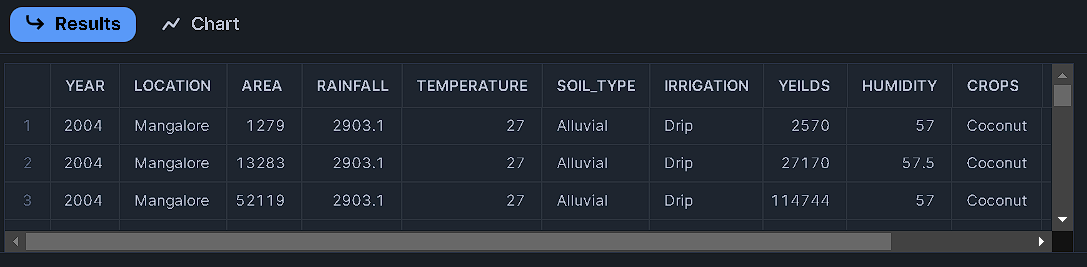
from @s1

file\_format = (type=csv field\_delimiter=',' skip\_header=1 )

on\_error = 'continue'

**RESULTS:**

select \* from BI\_Dataset;

**RESULTS:**