# Converting JSON to SQL

**Resources:**

<https://www.youtube.com/watch?v=rWW-j04cZQI>

<https://docs.microsoft.com/en-us/sql/relational-databases/json/json-data-sql-server?view=sql-server-2017>

<https://www.mssqltips.com/sqlservertip/5295/different-ways-to-import-json-files-into-sql-server/>

https://docs.microsoft.com/en-us/sql/relational-databases/json/convert-json-data-to-rows-and-columns-with-openjson-sql-server?view=sql-server-2017

**Notes:**

the accounts.json file is created in the todo.js file

**SQL CODE to Create details table:**

CREATE TABLE UserDetails(

name varchar(100) NOT NULL,

pass varchar(100) NOT NULL,

playlist varchar(100) NULL,

question varchar(100) NOT NULL,

answer varchar(100) NOT NULL,

loggedin varchar(100) NOT NULL

)

select \* from userdetails

**SQL CODE to import JSON into SQL:**

DECLARE @UserDetails VARCHAR(MAX)

SELECT @UserDetails =

BulkColumn

FROM OPENROWSET (BULK'C:\Users\edrag\Desktop\projectterm\accounts.json', SINGLE\_CLOB ) AS J

SELECT @UserDetails

If (ISJSON(@UserDetails) = 1)

print 'Valid'