

Dimension Table

Column Name	Data Type
Type_key	nvarchar(50)
Station_type	nvarchar(50)

Column Name	Data Type
State_key	nvarchar(...)
State_name	nchar(10)

Column Name	Data Type
Station_key	nvarchar(50)
Station_name	nvarchar(50)

Column Name	Data Type
Time_key	nvarchar(50)
Year	smallint

Column Name	Data Type	Allow Null
Id	nvarchar(50)	<input type="checkbox"/>
Station_key	nvarchar(50)	<input type="checkbox"/>
Time_key	nvarchar(50)	<input type="checkbox"/>
State_key	nvarchar(50)	<input type="checkbox"/>
Type_key	nvarchar(50)	<input type="checkbox"/>
temp_min	decimal(4, 4)	<input checked="" type="checkbox"/>
temp_max	decimal(4, 4)	<input checked="" type="checkbox"/>
pH_min	decimal(4, 4)	<input checked="" type="checkbox"/>
pH_max	decimal(4, 4)	<input checked="" type="checkbox"/>
BOD_min	decimal(4, 4)	<input checked="" type="checkbox"/>
BOD_max	decimal(4, 4)	<input checked="" type="checkbox"/>
cond_min	decimal(4, 4)	<input checked="" type="checkbox"/>
cond_max	decimal(4, 4)	<input checked="" type="checkbox"/>
do_min	decimal(4, 4)	<input checked="" type="checkbox"/>
do_max	decimal(4, 4)	<input checked="" type="checkbox"/>
nn_min	decimal(4, 4)	<input checked="" type="checkbox"/>
nn_max	decimal(4, 4)	<input checked="" type="checkbox"/>
fcoli_min	decimal(4, 4)	<input checked="" type="checkbox"/>
fcoli_max	decimal(4, 4)	<input checked="" type="checkbox"/>
tcoli_min	decimal(4, 4)	<input checked="" type="checkbox"/>
tcoli_max	decimal(4, 4)	<input checked="" type="checkbox"/>

Fact Table

Water Quality			
	Column Name	Data Type	Allow Null
🔑	Id	nvarchar(50)	<input type="checkbox"/>
	Station_key	nvarchar(50)	<input type="checkbox"/>
	Time_key	nvarchar(50)	<input type="checkbox"/>
	State_key	nvarchar(50)	<input type="checkbox"/>
	Type_key	nvarchar(50)	<input type="checkbox"/>
	temp_min	decimal(4, 4)	<input checked="" type="checkbox"/>
	temp_max	decimal(4, 4)	<input checked="" type="checkbox"/>
	pH_min	decimal(4, 4)	<input checked="" type="checkbox"/>
	pH_max	decimal(4, 4)	<input checked="" type="checkbox"/>
	BOD_min	decimal(4, 4)	<input checked="" type="checkbox"/>
	BOD_max	decimal(4, 4)	<input checked="" type="checkbox"/>
	cond_min	decimal(4, 4)	<input checked="" type="checkbox"/>
	cond_max	decimal(4, 4)	<input checked="" type="checkbox"/>
	do_min	decimal(4, 4)	<input checked="" type="checkbox"/>
	do_max	decimal(4, 4)	<input checked="" type="checkbox"/>
	nn_min	decimal(4, 4)	<input checked="" type="checkbox"/>
	nn_max	decimal(4, 4)	<input checked="" type="checkbox"/>
	fcoli_min	decimal(4, 4)	<input checked="" type="checkbox"/>
	fcoli_max	decimal(4, 4)	<input checked="" type="checkbox"/>
	tcoli_min	decimal(4, 4)	<input checked="" type="checkbox"/>
	tcoli_max	decimal(4, 4)	<input checked="" type="checkbox"/>

Information Package

Water Quality	Station	Station Type	State	Time
Station Key	Station_key	Type_key	State_key	Time_key
Time Key	Station_name	Station_type	State_name	Year
State Key				
Type_key				
temp_min				
temp_max				
pH_min				
pH_max				
BOD_min				
BOD_max				
cond_min				
cond_max				
do_min				
do_max				
nn_min				
fcoli_min				
fcoli_max				
tcoli_min				
tcoli_max				