

Project title:	IMPACT OF WEATHER ON THE HAPPINESS SCORE FOR THE HAPPIEST CITIES OF US-2022								
connection Info:	index	Connection String	Credentials			connection string	Credentials		
Source:		1 https://wallethub.com/edu/happiest-places-to-live/32619			Target	local postgres/weather_db	Login:postgres, PW: password		
		2 http://api.openweathermap.org/data/ weather_api_key							
					Table Rules				
Source index	Source Table	Source Column	Source Datatype						
						1	Converted timestamps to yyyy-mm-ddThh:mm:ss		
1	Happy cities	overall_rank	integer			2	Added 2 additional columns splitting timestamp to a date column and a time column		
1	Happy cities	city	string						
1	Happy cities	state	string		Business Rules				
1	Happy cities	total_score	integer			1	passthrough		
1	Happy cities	emotional_physical_wellbeing	integer			2	Title case		
						3	Add 2 additional columns splitting timestamp into a date column and a time column		
1	Happy cities	income_employment	integer						
1	Happy cities	community_environment	integer						
2	OpenWeatherMap API	city	string						
2	OpenWeatherMap API	temperature	integer						
2	OpenWeatherMap API	humidity	integer						
2	OpenWeatherMap API	cloudiness	integer						
2	OpenWeatherMap API	windspeed	integer						
2	OpenWeatherMap API	date	timestamp						
Target Database	Target Table	Target Column	Target Datatype	Business Rule	Table Rule				
weather_db	happy_cities	overall_rank	integer	1	NA				
weather_db	happy_cities	city	string	1	NA				
weather_db	happy_cities	state	string	2	NA				
weather_db	happy_cities	total_score	integer	1	NA				
weather_db	happy_cities	emotional_physical_wellbeing	integer	1	NA				
weather_db	happy_cities	income_employment	integer	1	NA				
weather_db	happy_cities	community_environment	integer	1	NA				
weather_db	city_weather	temperature	integer	1	NA				
weather_db	city_weather	humidity	integer	1	NA				
weather_db	city_weather	cloudiness	integer	1	NA				
weather_db	city_weather	windspeed	integer	1	NA				
weather_db	city_weather	date	timestamp	3	1,2				
weather_db	city_weather	time	timestamp	3	1,2				