1 and 2.

SELECT ST\_POINT(-93.610065, 41.948637) AS point1;

SELECT ST\_DISTANCE(

ST\_POINT(-93.610065, 41.948637),

ST\_POINT(-93.610229, 41.997339)

) AS distance\_in\_degrees;

A screenshot of a computer

Description automatically generated

3.

WITH line AS (

SELECT ST\_LINESTRING(

ARRAY[

ST\_POINT(-93.610065, 41.948637),

ST\_POINT(-93.610229, 41.997339)

]

) AS line\_string

),

point AS (

SELECT ST\_POINT(-93.619738, 41.972017) AS point3

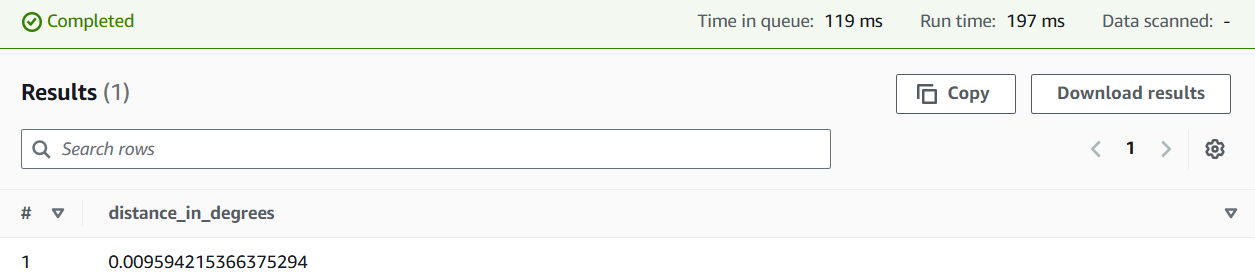
)

SELECT

ST\_DISTANCE(line\_string, point3) AS distance\_in\_degrees

FROM

line, point;



4.

WITH line AS (

SELECT ST\_LINESTRING(

ARRAY[

ST\_POINT(-93.610065, 41.948637),

ST\_POINT(-93.610229, 41.997339)

]

) AS line\_string

),

point AS (

SELECT ST\_POINT(-93.619738, 41.972017) AS point3

)

SELECT

ST\_DISTANCE(line\_string, point3) \* 364567 AS distance\_feet

FROM

line, point;

A screenshot of a computer

Description automatically generated

5.

WITH line AS (

SELECT ST\_LINESTRING(

ARRAY[

ST\_POINT(-93.610065, 41.948637),

ST\_POINT(-93.610229, 41.997339)

]

) AS line\_string

),

point AS (

SELECT ST\_POINT(-93.619738, 41.972017) AS point3

)

SELECT

ST\_DISTANCE(line\_string, point3) \* 364567 AS distance\_feet

FROM

line, point;

A screenshot of a computer

Description automatically generated