

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;
```

Completed		Time in queue: 125 ms	Run time: 258 ms	Data scanned: -
Results (1)		Copy	Download results	
Search rows		< 1 >		
#	distance_in_degrees			
1	0.04870227612750632			

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;

✔ Completed		Time in queue: 119 ms	Run time: 197 ms	Data scanned: -
Results (1)		Copy		Download results
Q Search rows		< 1 >		⚙
#	distance_in_degrees			
1	0.009594215366375294			

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;

<div> Completed </div>		Time in queue: 68 ms	Run time: 503 ms	Data scanned: -
<div> Results (1) <div> <div> Copy </div> <div>Download results</div> </div> <div> <input type="text" value="Search rows"/> <div> <div>< 1 ></div> <div></div> </div> </div> </div>				
#	▼	distance_feet		
1		3497.734313473342		

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;

```

Results (55,732,280)

Copy

Download results

Search rows

< 1 ... >

⚙

# ▾	datapointid ▾	journeyid ▾	latitude ▾	longitude ▾	mo
1	705575fc-3755-4647-ae15-b7b50c8a9cb1	492d473589eb3d15e52dd67ea59d102d1f3fa08d	41.493145	-94.24731	10
2	705575fc-3755-4647-ae15-b7b50c8a9cb1	492d473589eb3d15e52dd67ea59d102d1f3fa08d	41.493145	-94.24731	10
3	705575fc-3755-4647-ae15-b7b50c8a9cb1	492d473589eb3d15e52dd67ea59d102d1f3fa08d	41.493145	-94.24731	10
4	705575fc-3755-4647-ae15-b7b50c8a9cb1	492d473589eb3d15e52dd67ea59d102d1f3fa08d	41.493145	-94.24731	10
5	705575fc-3755-4647-ae15-b7b50c8a9cb1	492d473589eb3d15e52dd67ea59d102d1f3fa08d	41.493145	-94.24731	10
6	705575fc-3755-4647-ae15-b7b50c8a9cb1	492d473589eb3d15e52dd67ea59d102d1f3fa08d	41.493145	-94.24731	10
7	705575fc-3755-4647-ae15-b7b50c8a9cb1	492d473589eb3d15e52dd67ea59d102d1f3fa08d	41.493145	-94.24731	10
8	705575fc-3755-4647-ae15-b7b50c8a9cb1	492d473589eb3d15e52dd67ea59d102d1f3fa08d	41.493145	-94.24731	10
9	705575fc-3755-4647-ae15-b7b50c8a9cb1	492d473589eb3d15e52dd67ea59d102d1f3fa08d	41.493145	-94.24731	10
10	705575fc-3755-4647-ae15-b7b50c8a9cb1	492d473589eb3d15e52dd67ea59d102d1f3fa08d	41.493145	-94.24731	10
11	705575fc-3755-4647-ae15-b7b50c8a9cb1	492d473589eb3d15e52dd67ea59d102d1f3fa08d	41.493145	-94.24731	10
12	705575fc-3755-4647-ae15-b7b50c8a9cb1	492d473589eb3d15e52dd67ea59d102d1f3fa08d	41.493145	-94.24731	10