Welcome to Streamlit!

Edit `/streamlit_app.py` to customize this app to your heart's desire ❤️

If you have any questions, checkout our documentation and community forums.

In the meantime, below is an example of what you can do with just a few lines of code:

Number of points in spiral

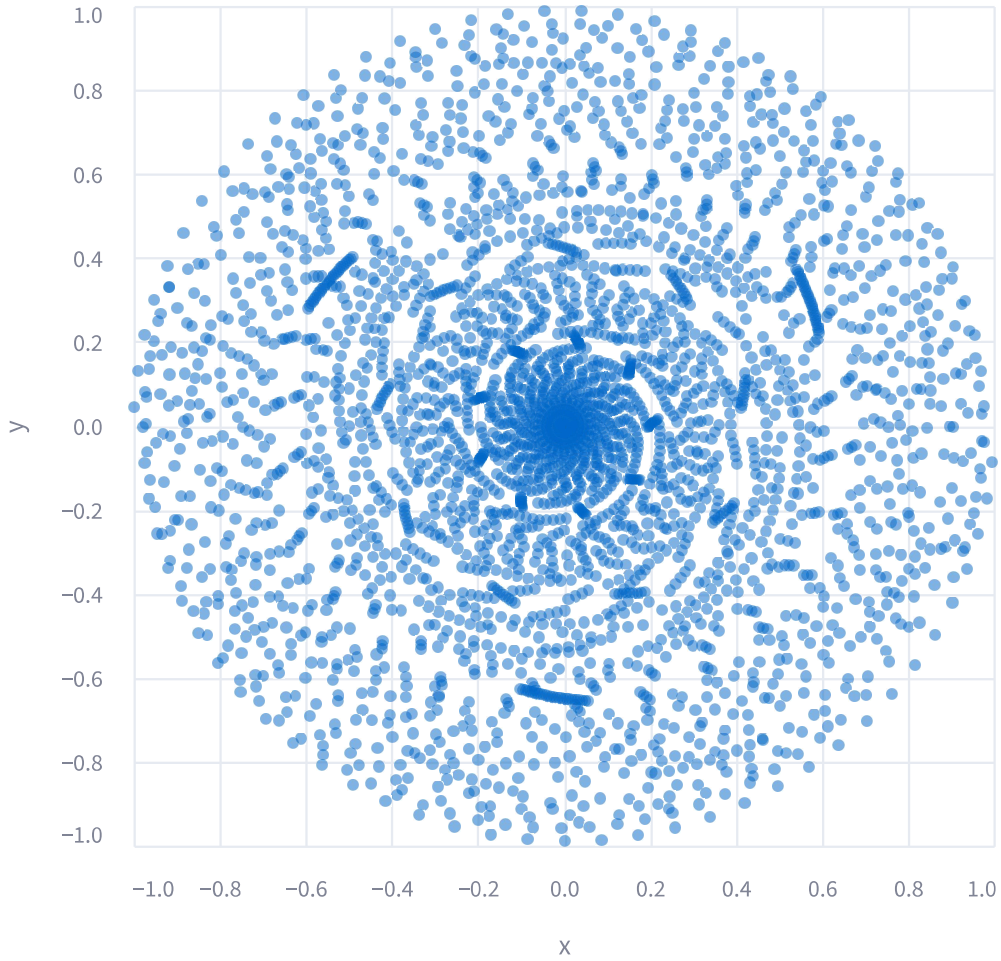
3316

1 5000

Number of turns in spiral

41

1 100



```
total_points = st.slider("Number of points in spiral", 1, 5000, 2000)
num_turns = st.slider("Number of turns in spiral", 1, 100, 9)

Point = namedtuple('Point', 'x y')
data = []

points_per_turn = total_points / num_turns

for curr_point_num in range(total_points):
    curr_turn, i = divmod(curr_point_num, points_per_turn)
    angle = (curr_turn + 1) * 2 * math.pi * i / points_per_turn
    radius = curr_point_num / total_points
    x = radius * math.cos(angle)
    y = radius * math.sin(angle)
    data.append(Point(x, y))

st.altair_chart(alt.Chart(pd.DataFrame(data), height=500, width=500)
    .mark_circle(color='#0068c9', opacity=0.5)
    .encode(x='x:Q', y='y:Q'))
```