Dataset of 10:

```
Interpolation computed in 0.0 seconds.
| Enter the value to evaluate polynomial | 'q' to quit) | 10
Polynomial evaluated in 0.0017626285552978516 seconds.
Result: 4.392156781747246
| Enter the value to evaluate polynomial | 'q' to quit) | 1
Polynomial evaluated in 0.0 seconds.
Result: -163.9857446062705
| Enter the value to evaluate polynomial | 'q' to quit) | 25
Polynomial evaluated in 0.0 seconds.
Result: 49.715053604977676
```

Dataset of 100:

```
Interpolation computed in 0.0009984970092773438 seconds.
| Enter the value to evaluate polynomial | 'q' to quit) | 25
Polynomial evaluated in 0.0 seconds.
Result: 15518860.61500265
| Enter the value to evaluate polynomial | 'q' to quit) | 5
Polynomial evaluated in 0.0 seconds.
Result: -3.128788552716821e+17
| Enter the value to evaluate polynomial | 'q' to quit) | 100
Polynomial evaluated in 0.0 seconds.
Result: 2.5106362328723485e+36
| Enter the value to evaluate polynomial | 'q' to quit) |
```

Dataset of 1000:

```
Interpolation computed in 0.06481575965881348 seconds.
| Enter the value to evaluate polynomial | 'q' to quit) | 257
Polynomial evaluated in 0.0009980201721191406 seconds.
Result: 3.704345162442636e+280
| Enter the value to evaluate polynomial | 'q' to quit) | 143
Polynomial evaluated in 0.0 seconds.
Result: 1.6637699761810264e+185
| Enter the value to evaluate polynomial | 'q' to quit) | 13
Polynomial evaluated in 0.0 seconds.
Result: -3.4550169674635333e+45
| Enter the value to evaluate polynomial | 'q' to quit) |
```

The interpolation time increased as the dataset increased. However, most of the evaluation time stayed at 0 seconds. The time was tested with different values from the random dataset of 10, 100, and 1000 points.