**Matplotlib Marker Lists**

Before starting with different matplotlib illustrations, here is the list of all possible markers in the matplotlib module along with their symbol and description :

| **MARKER** | **DESCRIPTION** |
| --- | --- |
| “.” | point |
| “, “ | pixel |
| “o” | circle |
| “v” | triangle\_down |
| “^” | triangle\_up |
| “<“ | triangle\_left |
| “>” | triangle\_right |
| “1” | tri\_down |
| “2” | tri\_up |
| “3” | tri\_left |
| “4” | tri\_right |
| “8” | octagon |
| “s” | square |
| “p” | pentagon |
| “P” | plus (filled) |
| “\*” | star |
| “h” | hexagon1 |
| “H” | hexagon2 |
| “+” | plus |
| “x” | x |
| “X” | x (filled) |
| “D” | diamond |
| “d” | thin\_diamond |
| “|” | vline |
| “\_” | hline |
| 0 (TICKLEFT) | tickleft |
| 1 (TICKRIGHT) | tickright |
| 2 (TICKUP) | tickup |
| 3 (TICKDOWN) | tickdown |
| 4 (CARETLEFT) | caretleft |
| 5 (CARETRIGHT) | caretright |
| 6 (CARETUP) | caretup |
| 7 (CARETDOWN) | caretdown |
| 8 (CARETLEFTBASE) | caretleft (centered at base) |
| 9 (CARETRIGHTBASE) | caretright (centered at base) |
| 10 (CARETUPBASE) | caretup (centered at base) |
| 11 (CARETDOWNBASE) | caretdown (centered at base) |
| “None”, ” ” or “” | nothing |
| ‘$…$’ | Render the string using mathtext. E.g “$r$” for marker showing the letter r. |
| verts | A list of (x, y) pairs used for Path vertices. The center of the marker is located at (0, 0) and the size is normalized, such that the created path is encapsulated inside the unit cell. |
| path | A Path instance |
| (numsides, style, angle) | The marker can also be a tuple (numsides, style, angle), which will create a custom, regular symbol. A) numsides: the number of sides B) style: the style of the regular symbol, 0: a regular polygon 1: a star-like symbol 2: an asterisk |