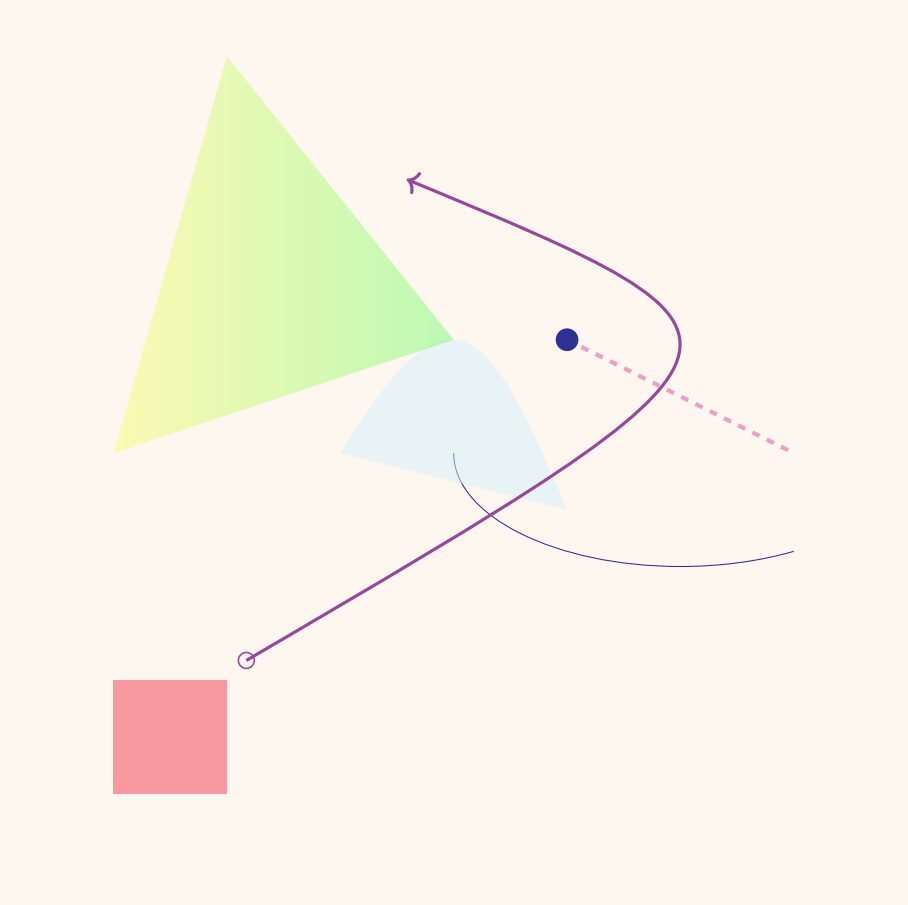
This is some text with your formatting.

$$\sup A$$



$$\overrightarrow{xyzyzyz}$$
$$\xrightarrow{hellow}$$