Figure 1: Illustration of vector $\vec{v} = (4, 3)$

$$\text{Vector} : \vec{v} = (4, 3)$$

$$\text{Magnitude} : |\vec{v}| = \sqrt{4^2 + 3^2} = 5$$

$$\text{Angle} : \theta = \tan^{-1}\left(\frac{3}{4}\right) \approx 36.87$$