



Python数据分析与机器学习

—— K-Means聚类算法

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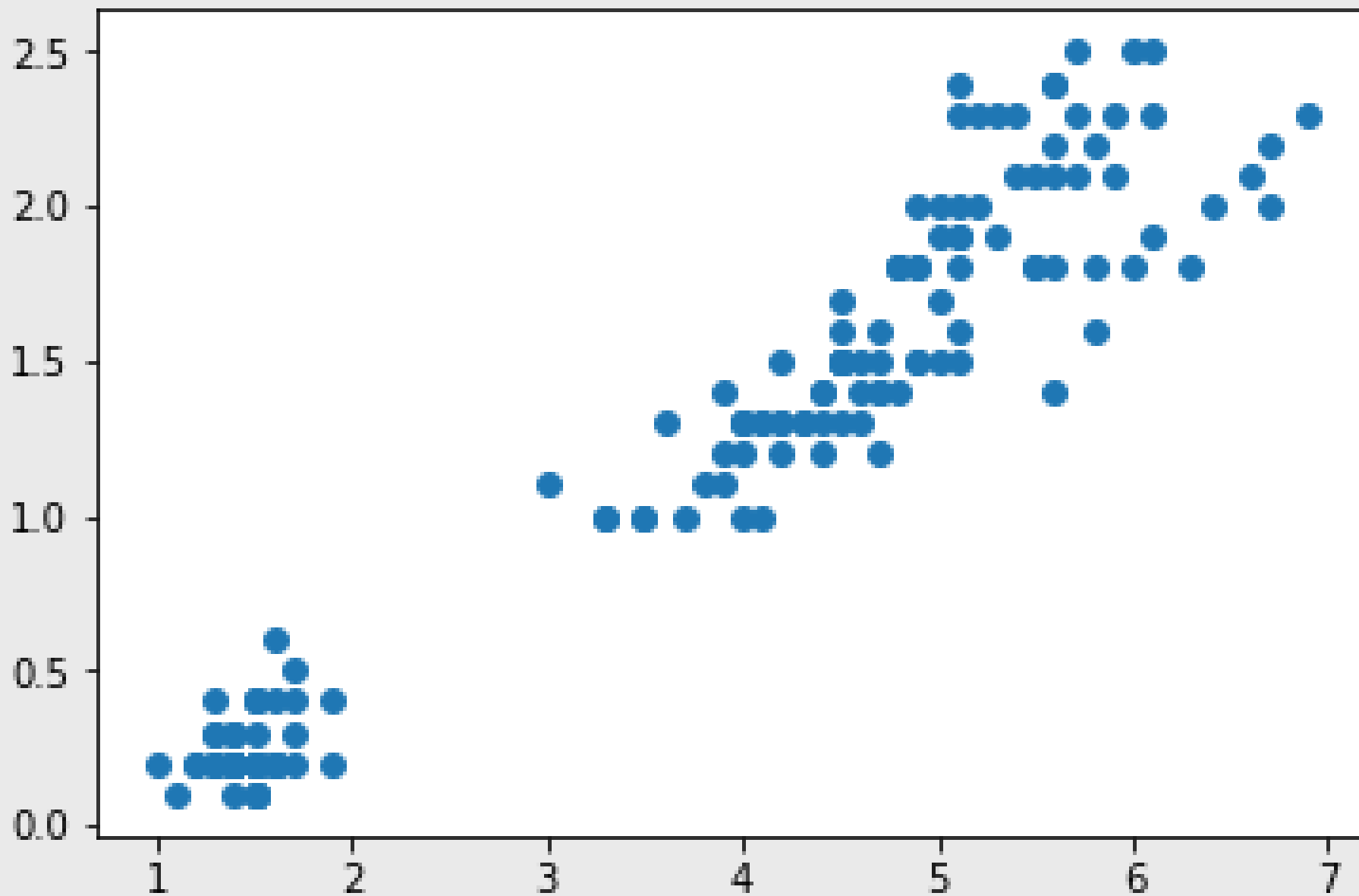
监督学习

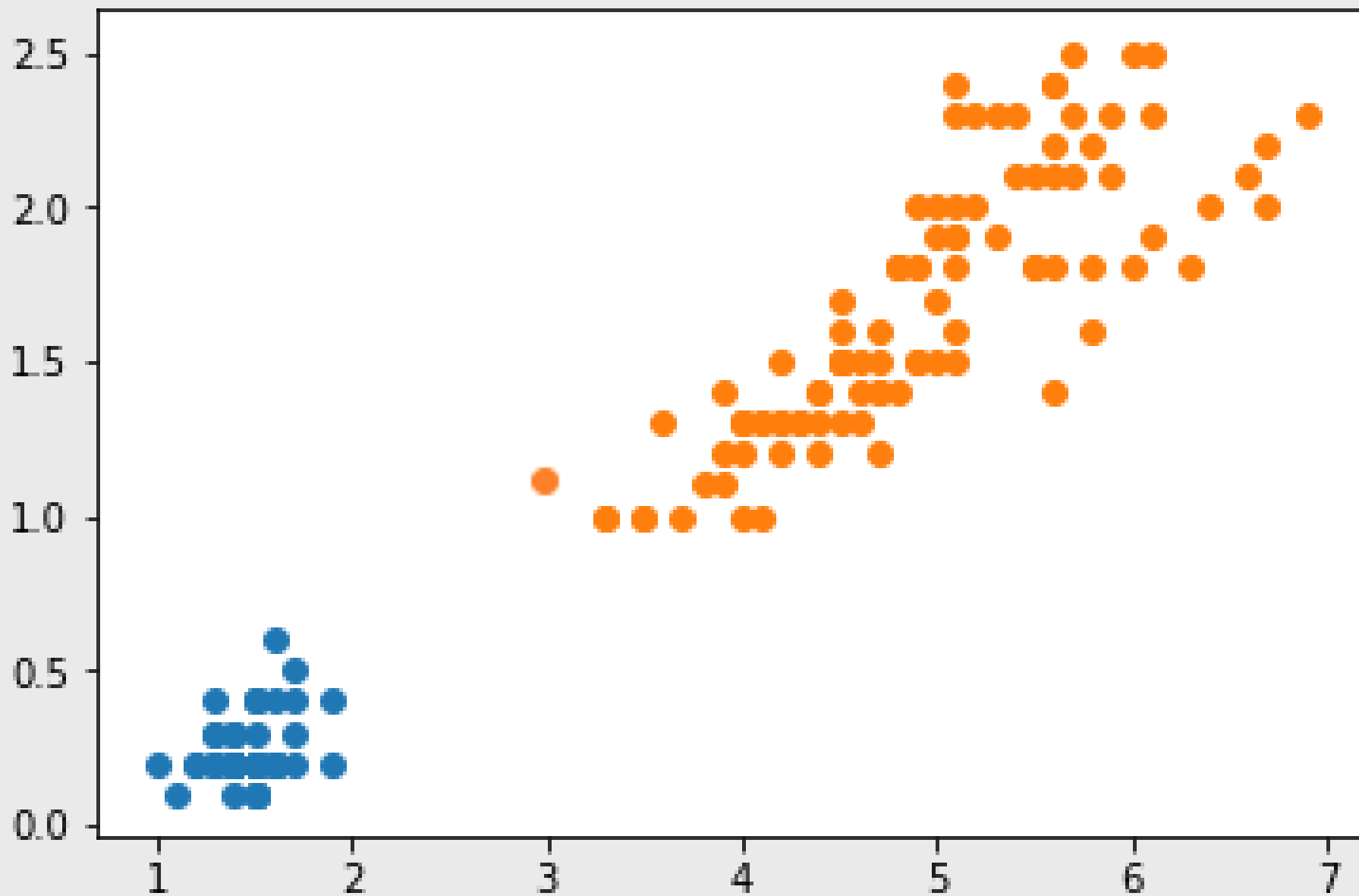
无监督学习

聚类算法是典型的无监督学习

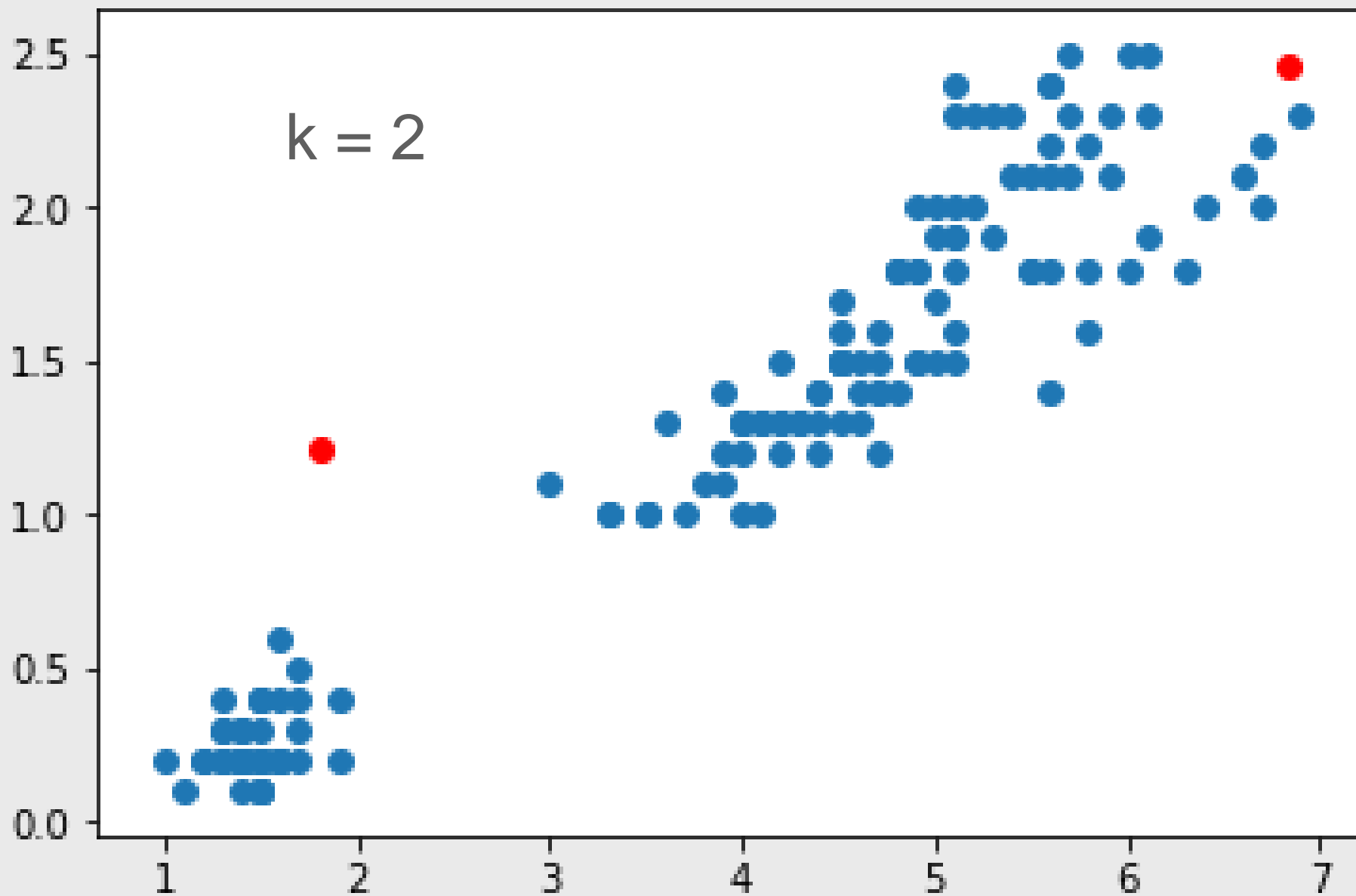
K-Means 、 K-均值、 K-平均

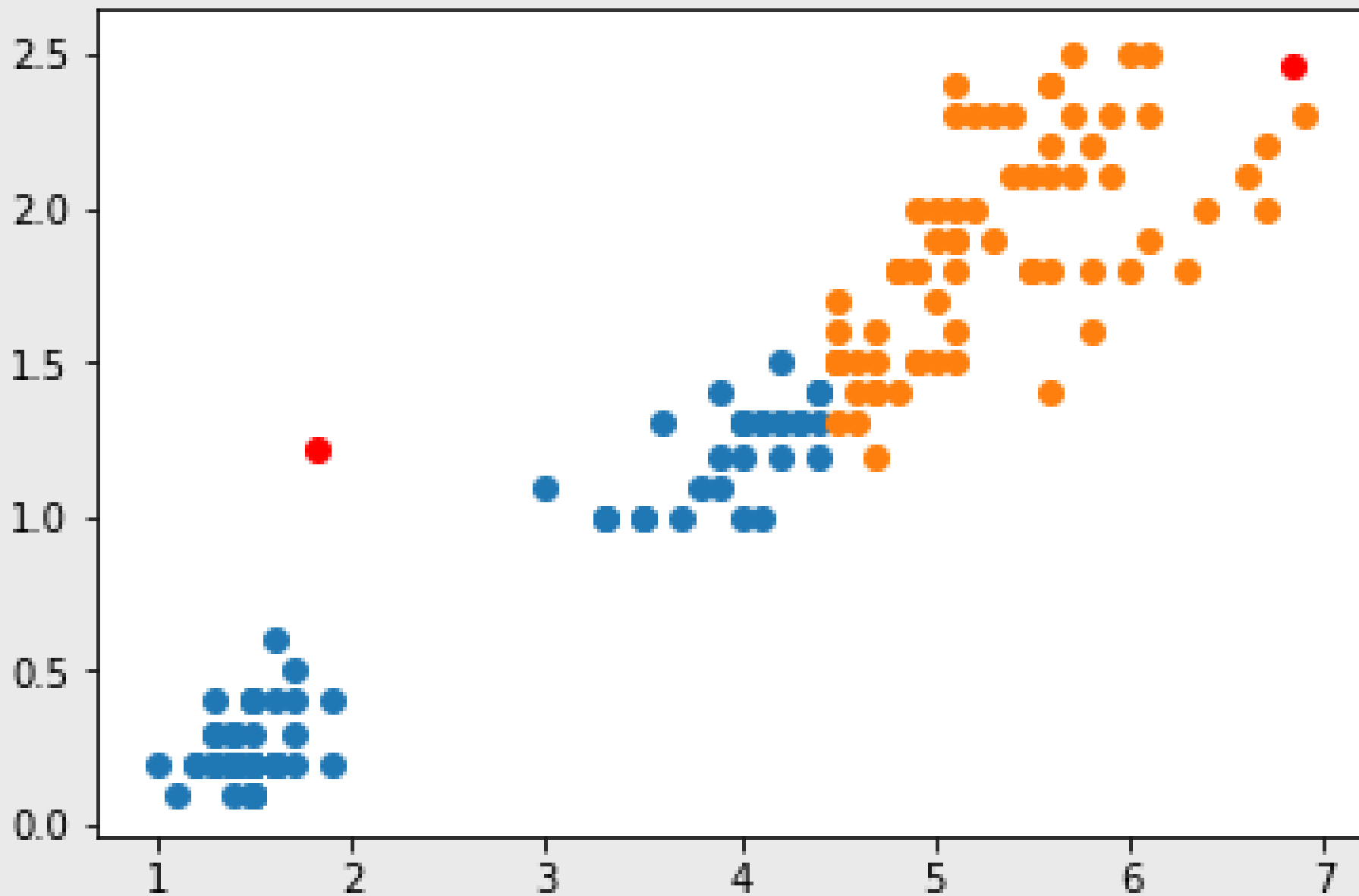
K-Means算法是广泛使用的聚类算法

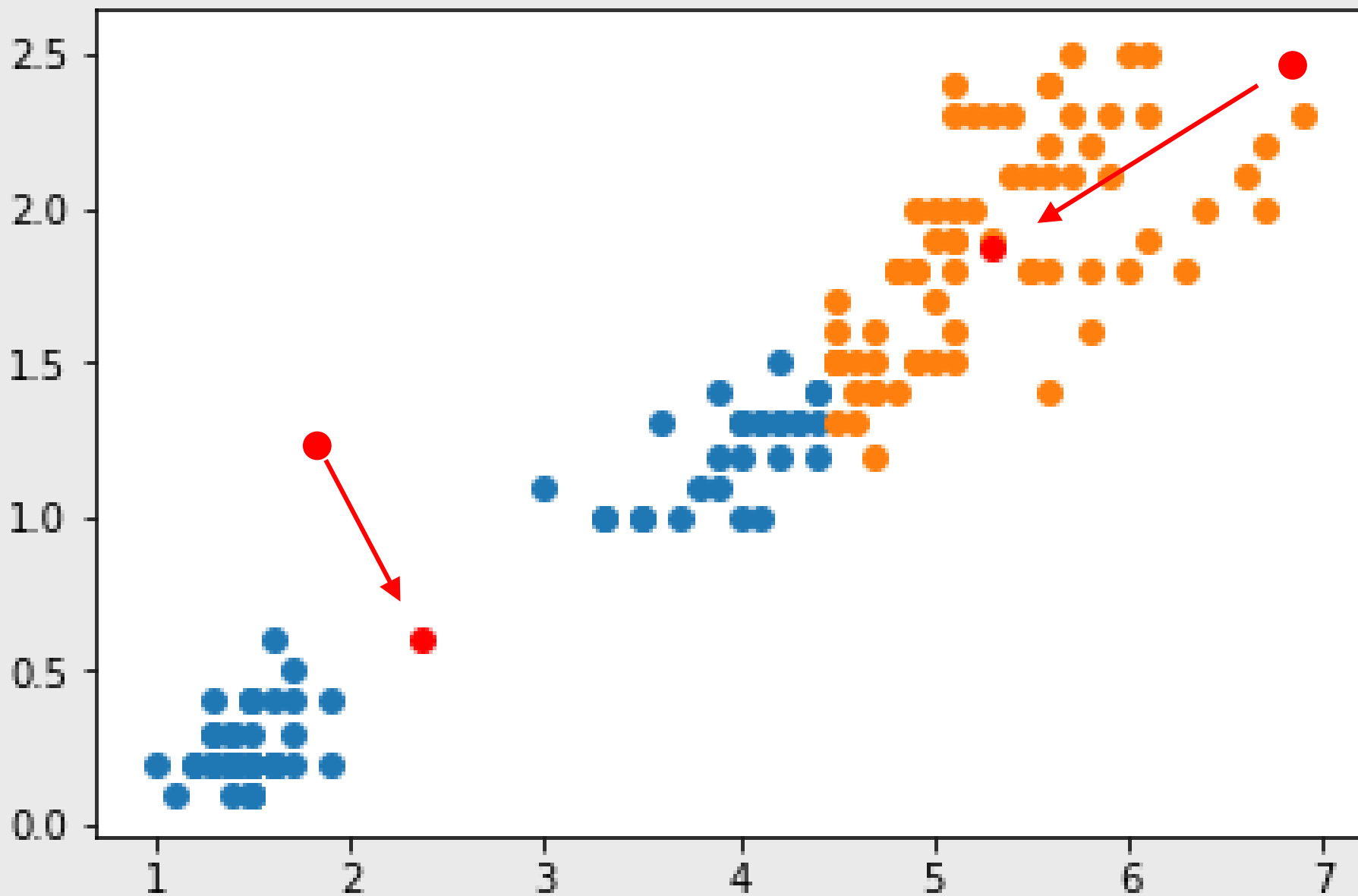


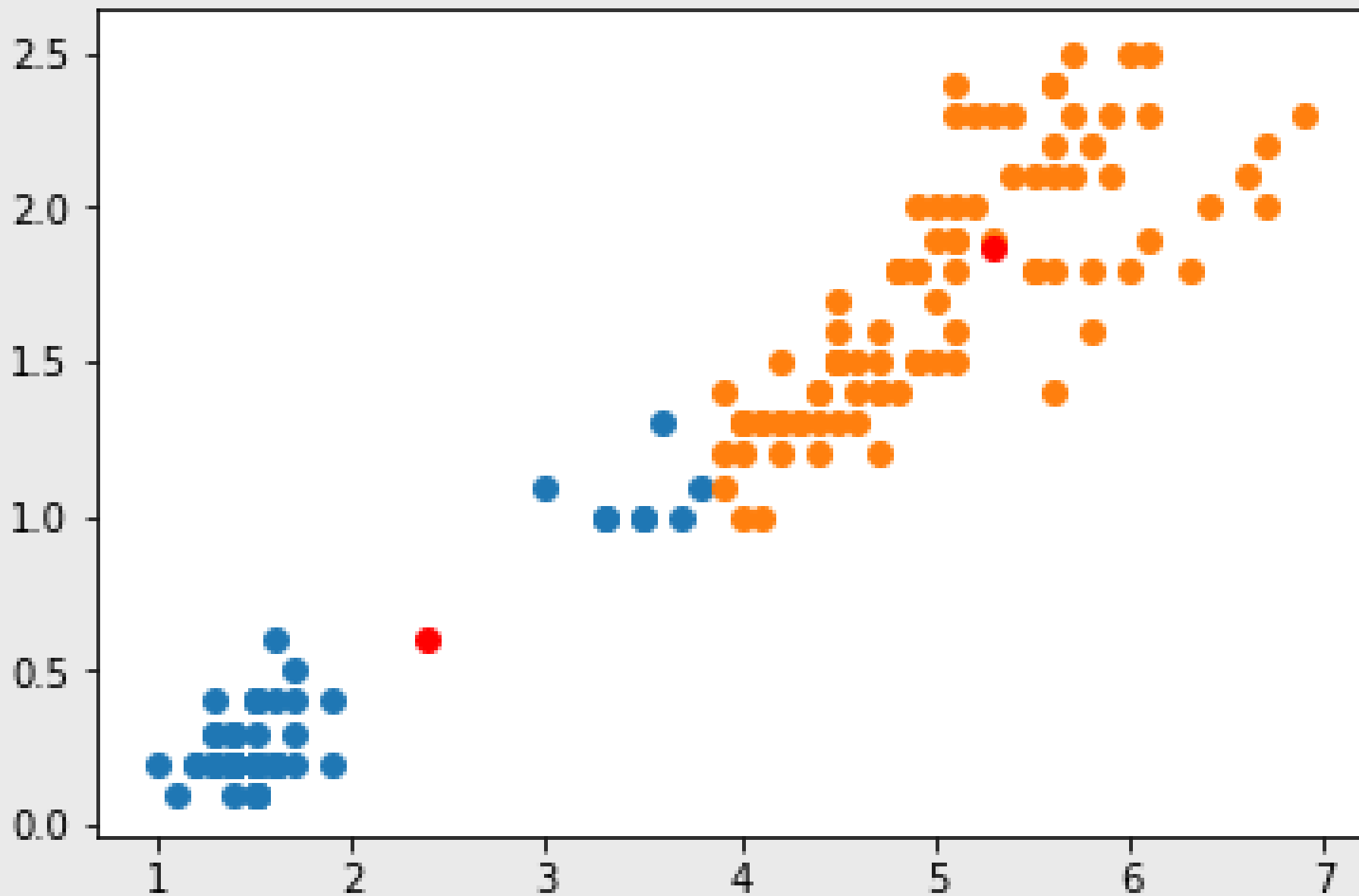


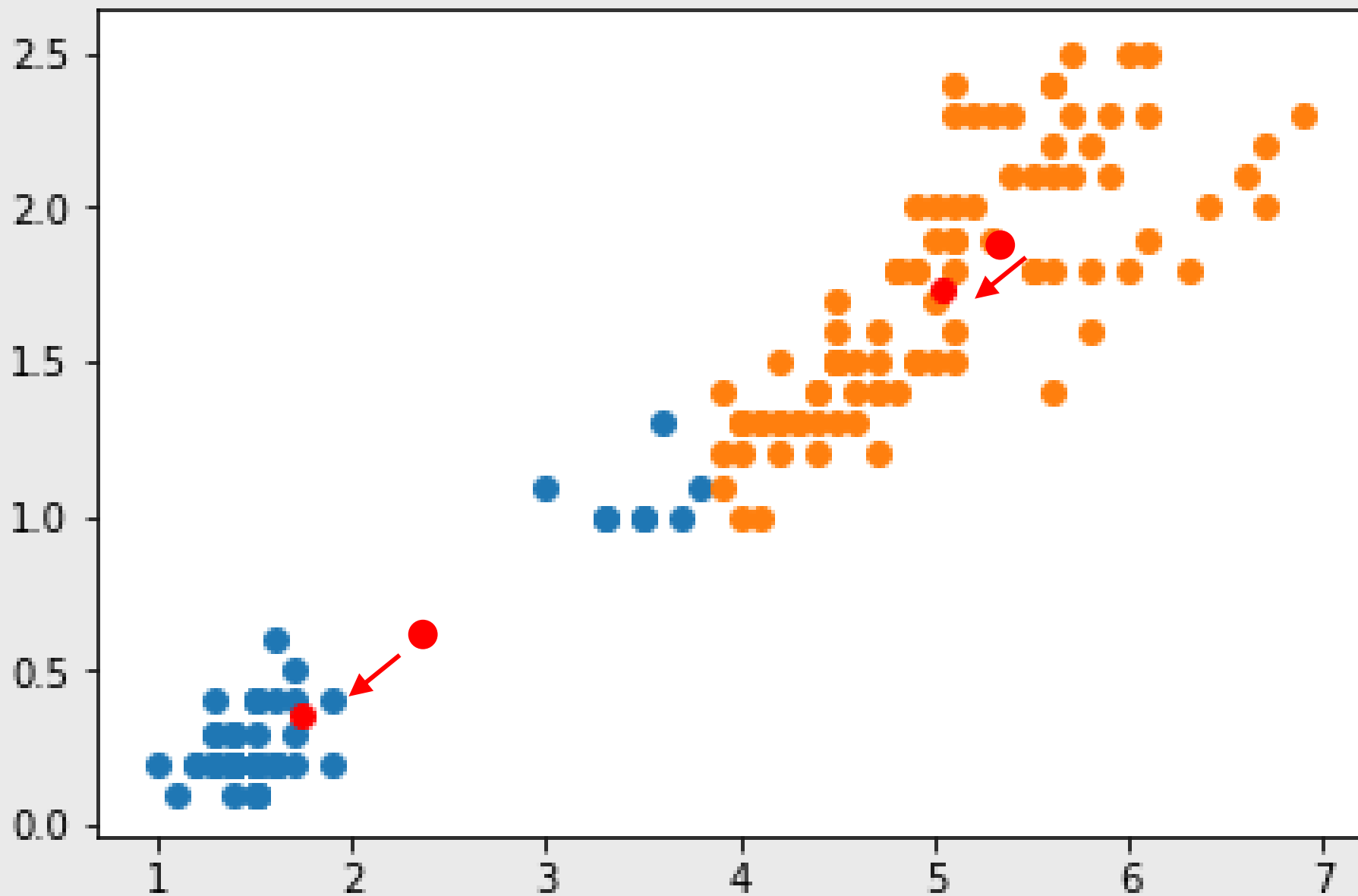
$$\min \sum_{i=1}^k \sum_{x \in C_i} \|x - \mu_i\|^2$$

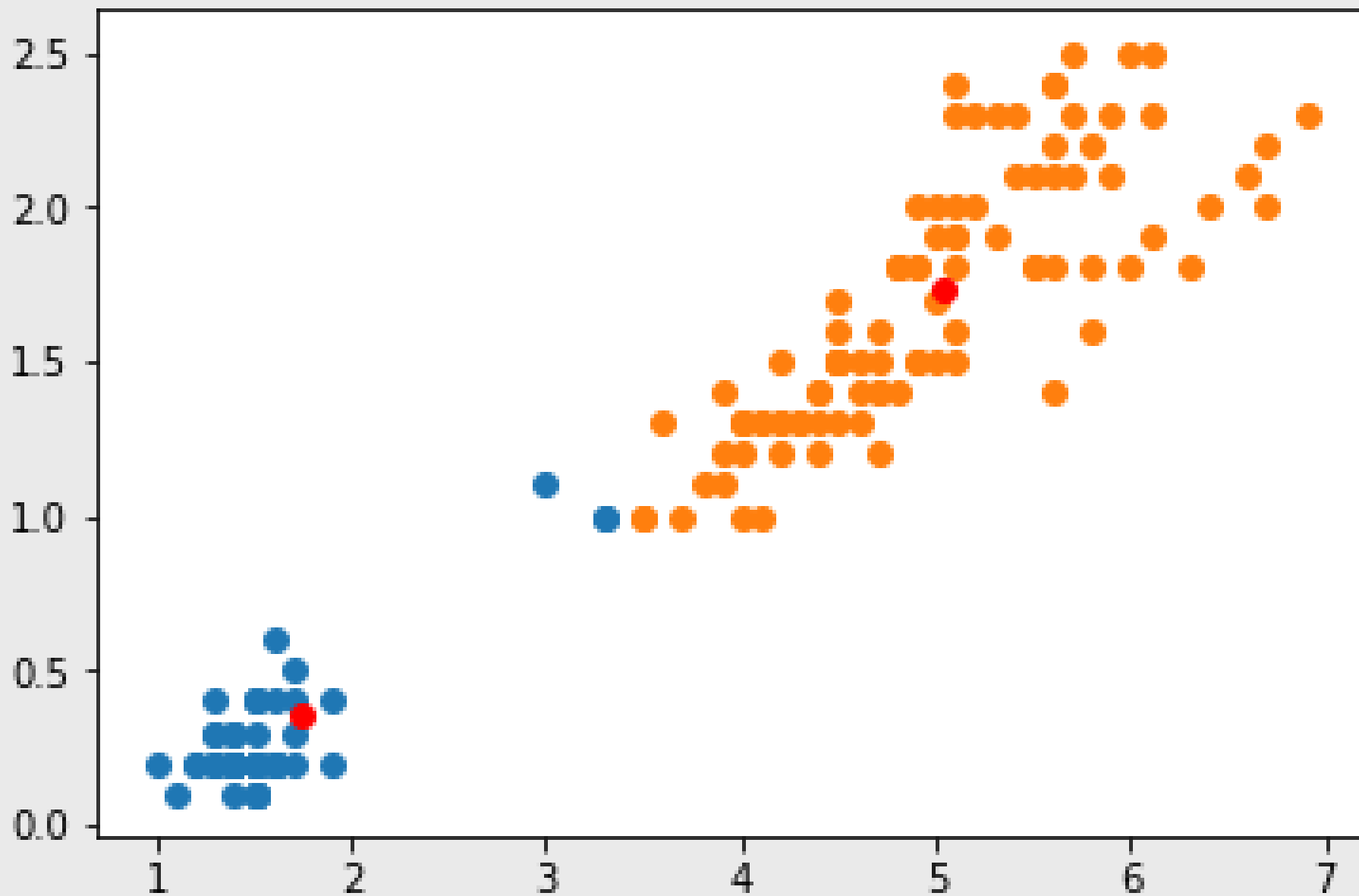


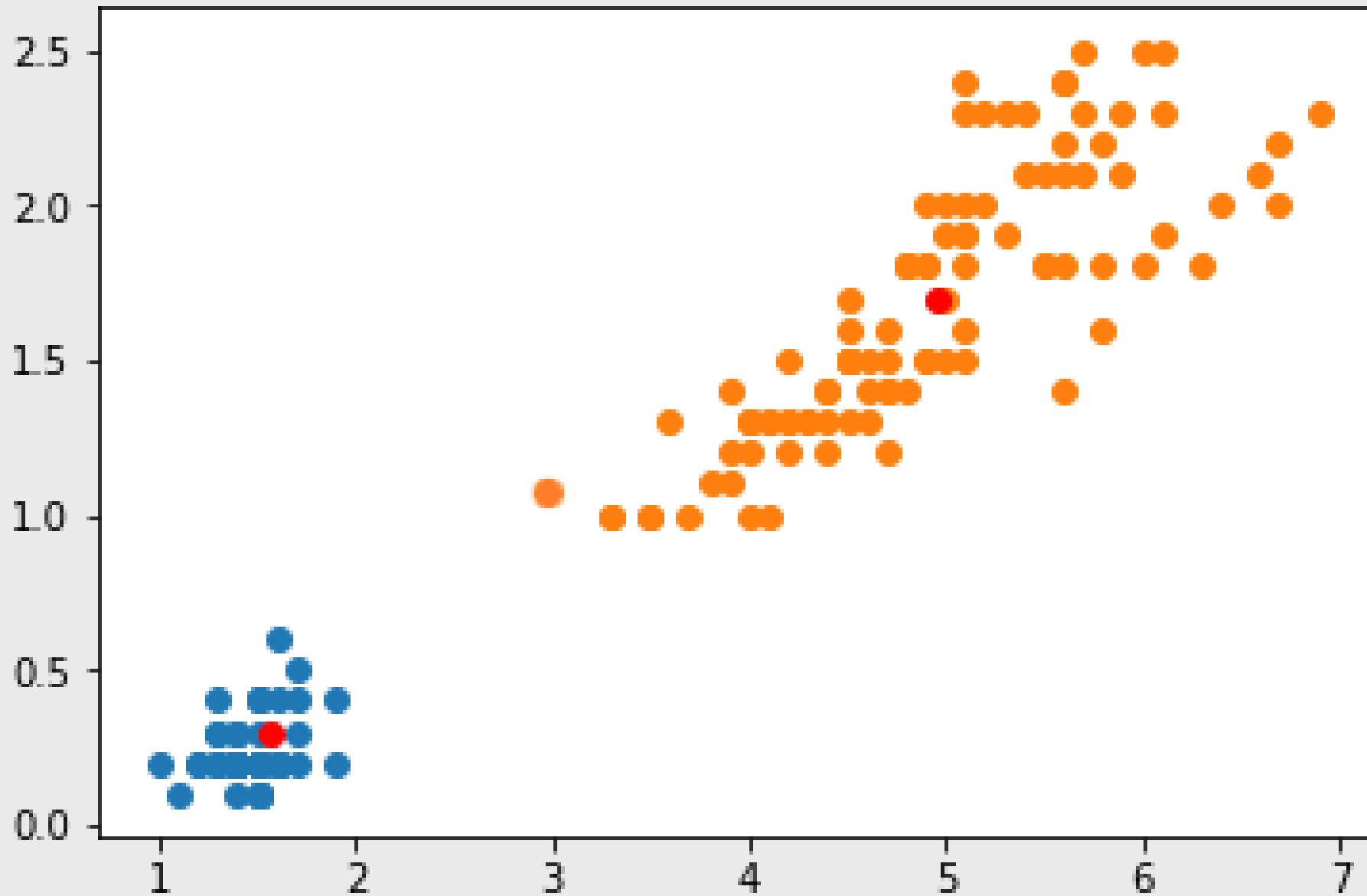












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