|  |  |
| --- | --- |
| **Apriori Algorithm** | **Fp Growth Algorithm** |
| Slower speed. Because run time increase exponentially by increasing number of itemset. | Faster speed. Because run time increase linearly by increasing number of itemset. |
| Need large amount of memory. Because all the candidates from self-joining are stored in the memory. | Need small amount of memory. Because the compact version of dataset is storing. |
| Use self-joining for candidate generation. | No candidate generation. |
| Scan full dataset repeatedly. | Only require two scans. |
| Pattern selected from the candidates whose support is higher than minimum support. | Pattern growths achieve by mining conditional |