Kirsnaut

As there were a lot of words to be processed, I used a Window 10 64-bit PC with the following specs:

* Intel i7-3540M CPU @ 3.00 GHz
* RAM: 16GB

PART II.

1. Report similarity scores for the following pairs: (dirty, clean), (big, dirty),(big, large) , (big, small)
   1. # similarity score between two words, "dirty" and "clean".
      1. **0.38007572**
   2. # similarity score between two words, "big" and "dirty"
      1. **0.2817611**
   3. # similarity score between two words, "big" and "large"
      1. **0.4487833**
   4. # similarity score between two words, "big" and "small"
      1. **0.49794248**
2. Report 5 most similar items and the scores to ’polite’, ’orange’.
   1. # look up for top 5 words similar to 'polite'
      1. **('respectful', 0.6785642504692078)**
      2. **('gracious', 0.6509824395179749)**
      3. **('courteous', 0.6469910144805908)**
      4. **('flirtatious', 0.5802040696144104)**
      5. **('thoughtful', 0.5747145414352417)**
   2. # look up for top 5 words similar to 'orange'
      1. **('ventura', 0.5000614523887634)**
      2. **('lackawanna', 0.4959701895713806)**
      3. **('dutchess', 0.4934482276439667)**
      4. **('pima', 0.483725368976593)**
      5. **('poinsettia', 0.48175767064094543)**
3. Now change the parameters of your model, as follows: window=2, size=50. Answer the 2 questions above for this new model.
   1. Report similarity scores for the following pairs: (dirty, clean), (big, dirty),(big, large) , (big, small)
      1. # similarity score between two words, "dirty" and "clean".
         * **0.44316804**
      2. # similarity score between two words, "big" and "dirty"
         * **0.40667236**
      3. # similarity score between two words, "big" and "large"
         * **0.6254953**
      4. # similarity score between two words, "big" and "small"
         * **0.68278974**
   2. Report 5 most similar items and the scores to ’polite’, ’orange’
      1. # look up top 5 most similar words to 'polite'
         1. **('timid', 0.7830596566200256)**
         2. **(‘forthright', 0.7577244639396667)**
         3. **('candid', 0.7536046504974365)**
         4. **('courteous', 0.7485109567642212)**
         5. **('cheerful', 0.7437556982040405)**
      2. # look up top 5 most similar words to 'orange'
         1. **('angostura', 0.7186190485954285)**
         2. **('poinsettia', 0.6860560178756714)**
         3. **('green', 0.681415319442749)**
         4. **('blue', 0.672720730304718)**
         5. **('calico', 0.6673241853713989)**