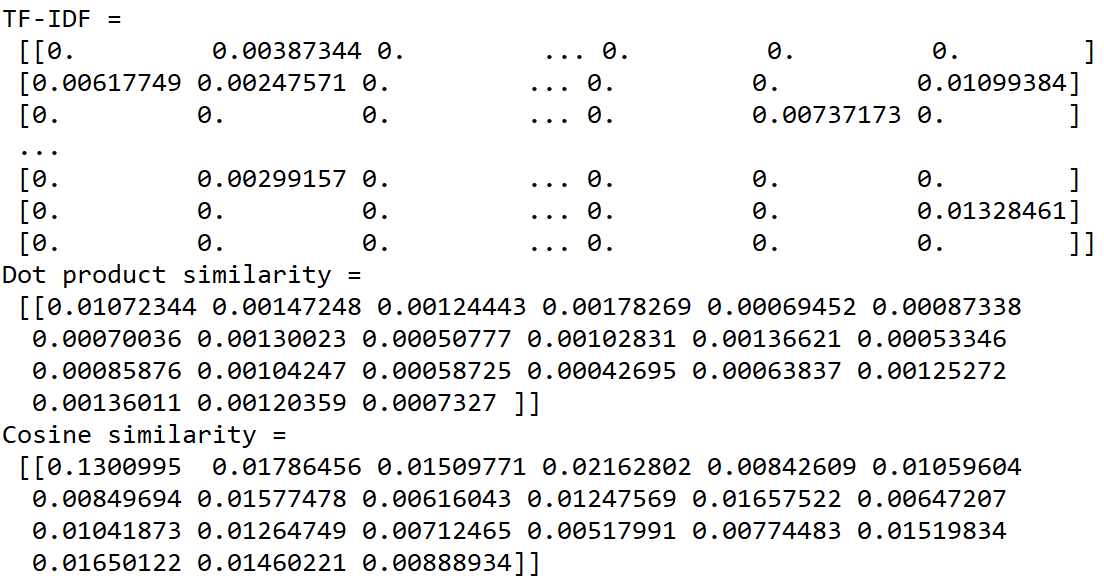
**OUTPUT from similarity.py:**



**From the table tfidf\_result.xlsx, the row head is:**

**[doc\_0, doc\_1, doc\_10, doc\_11, doc\_12, doc\_13, doc\_14, doc\_15, doc\_16, doc\_17, doc\_18, doc\_19, doc\_2, doc\_20, doc\_3, doc\_4, doc\_5, doc\_6, doc\_7, doc\_8, doc\_9]**

**Apart from doc\_0, the 5 most similar documents to doc\_0.txt in Dot product similarity is:**

**[ 0.00147248 0.00178269 0.00130023 0.00136621 0.00136011 ]**

**Which representing doc\_1, doc\_11, doc\_15, doc\_18, doc\_7.**

**Thus, the 5 most similar documents to doc\_0 in Dot product similarity are doc\_1, doc\_11, doc\_15, doc\_18, doc\_7.**

**Apart from doc\_0, the 5 most similar documents to doc\_0.txt** **in Cosine similarity is:**

**[ 0.01786456 0.02162802 0.01577478 0.01657522 0.01650122]**

**Which representing doc\_1, doc\_11, doc\_15, doc\_18, doc\_7.**

**Thus, the 5 most similar documents to doc\_0 in Cosine similarity are doc\_1, doc\_11, doc\_15, doc\_18, doc\_7.**