```
 1 C:\Users\Emman\Documents\GitHub\Project-Data-Analysis
   \.venv\Scripts\python.exe C:\Users\Emman\Documents\
   GitHub\Project-Data-Analysis\src\main.py
 2 Vectorization/Modeling: BoW/LDA
 3 Optimal Number of Topics: 10
 4 Coherence Scores: [0.27162718136973346, 0.
   31348381311011486, 0.35195369266894977, 0.
   39163145303508046, 0.4644386816169458, 0.
   4932768858214036, 0.5066437509729732, 0.
   5099462137874944, 0.5323189982297797, 0.
   5627869397673032, 0.5485130600953925, 0.
   5421881210523496, 0.5478970226765649, 0.
   5349205700540398, 0.5416353589571835, 0.
   5255176182576548, 0.5256208926315203]
 5 ---
 6 Vectorization/Modeling: BoW/LSA
 7 Optimal Number of Topics: 3
 8 Coherence Scores: [0.16407575498649726, 0.
   30707204477251265, 0.41811522642271903, 0.
   40301625668028773, 0.33585557977616737, 0.
   4075851981225646, 0.31447926054008275, 0.
   32067110525356755, 0.34906030347292044, 0.
   3173900799211736, 0.3691720618593338, 0.
   34291639698643506, 0.3418171529113957, 0.
   3512276240788377, 0.3642570500876871, 0.
   357428980881098, 0.3787329408146708]
 9 ---
10 Vectorization/Modeling: TF-IDF/LDA
11 Optimal Number of Topics: 13
12 Coherence Scores: [0.27162718136973346, 0.
   31909781039538365, 0.3413788048907129, 0.
   41131316774046667, 0.42319648369261653, 0.
   47958109160604595, 0.4867601390290298, 0.
   5275151910580962, 0.5300006929716308, 0.
   5518185593868064, 0.5487877362410346, 0.
   5476923496034298, 0.5561866064560038, 0.
   544586113487721, 0.523580691936438, 0.
   5278814596835903, 0.5366002812619496]
13 ---
14 Vectorization/Modeling: TF-IDF/LSA
15 Optimal Number of Topics: 2
```

```
16 Coherence Scores: [0.16407575498649726, 0.
   41060877877835983, 0.40443720492452967, 0.
   35348159041030025, 0.40568133853821575, 0.
   33440661579284237, 0.348024053721335, 0.
   35345787123589956, 0.3500168353940811, 0.
   3344126106794677, 0.32819270524962113, 0.
   32432300861215807, 0.35076875828859, 0.
   34866571352824904, 0.35765622894609633, 0.
   3732608530092, 0.3814555480245763]
17 ---
18
19 Process finished with exit code 0
20
```