

```
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 Number of topics for the analysis: 20
3 Vectorization/Modeling: BoW/LDA
4 Optimal Topic n°: 1
5 Coherence Scores: 0.9598568645392609
6 Topics: [(0, '0.073*"installation" + 0.036*"window
  " + 0.035*"work" + 0.031*"facade" + 0.031*"
  replacement" + 0.027*"signage" + 0.024*"permit" + 0.
  023*"without" + 0.019*"building" + 0.017*"painting
  "')])
7 -----
8 Vectorization/Modeling: BoW/LSA
9 Optimal Topic n°: 1
10 Coherence Scores: 0.8810508141899842
11 Topics: [(0, '0.821*"installation" + 0.282*"signage
  " + 0.220*"window" + 0.213*"permit" + 0.205*"without
  " + 0.126*"replacement" + 0.119*"facade" + 0.094*"
  noncompliance" + 0.092*"work" + 0.071*"awning"')]
12 -----
13 Vectorization/Modeling: TF-IDF/LDA
14 Optimal Topic n°: 1
15 Coherence Scores: 0.9619434739130464
16 Topics: [(0, '0.047*"installation" + 0.031*"
  replacement" + 0.030*"window" + 0.029*"work" + 0.028
  *"signage" + 0.025*"facade" + 0.019*"permit" + 0.018
  *"without" + 0.016*"painting" + 0.015*"building"')]
17 -----
18 Vectorization/Modeling: TF-IDF/LSA
19 Optimal Topic n°: 1
20 Coherence Scores: 0.8747298021615961
21 Topics: [(0, '0.581*"installation" + 0.494*"signage
  " + 0.361*"window" + 0.313*"replacement" + 0.193*"
  permit" + 0.193*"without" + 0.135*"work" + 0.120*"
  facade" + 0.118*"noncompliance" + 0.099*"awning"')]
22 -----
23
24 Process finished with exit code 0
25
```