```
 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: 50
 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°: 2
10 Coherence Scores: 0.9203512466831134
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"'), (1
   , '0.467*"window" + 0.404*"work" + -0.403*"
   installation" + 0.373*"replacement" + 0.310*"facade
   " + 0.227*"permit" + 0.215*"without" + 0.129*"ongoing
   " + -0.127*"signage" + 0.126*"door"')]
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
```