

Coursera Capstone

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Researching the
Best Place for
Urban Farming
Spots in Edinburgh



Why urban farming locations?

- UK lockdowns → worst economic contraction
- Edinburgh affected
- Community plans to start urban farming
- Aim: meet the needs of population with continuous yield and reasonably priced produce
- Ideal locations need to be researched

How was the analysis done?

- Data of areas of postcodes and coordinates from doogal
- Areas mapped with folium for initial analysis
- Clustering with K-Means clustering from scikit-learn
- Analysis of clusters' characteristics
- Designation of best locations for urban farming

Mapping and Clustering



Conclusion

- Best locations for urban farming:
- Cluster 4 – Dean Village and nearby area → best location for urban farming spots in Edinburgh. It is surrounded by many restaurants, grocery stores, and traditional residential areas which are all potential buyers for the produce of urban farming.
- Cluster 5 – Tollcross and nearby area → second choice. It is more vibrant than cluster 4 but also has many potential buyers such as restaurants, hotels, also residents.