

Capstone Project - Data

1. A description of the data and how it will be used to solve the problem. (15 marks)

About Loudoun, County VA

- Loudoun Farms information is available at the following site. Loudoun farms produce based on location (county) is available at this site and the 'wineries/wine-trail' information can be found here
<https://loudounfarms.org/craft-beverages/wine-trail/>
- List of the Loudoun Wineries and the Cluster data is available at the Loudoun farms website, this information can be used to build the 'Location' data for the wineries (for the purpose of this project we will plan to use fixed list – can be enhanced to obtain this list based on 'categories' using the above site)

1. HARMONY Cluster	2. LOUDOUN HEIGHTS Cluster	3. MOSBY Cluster	4. POTOMAC Cluster	5. WATERFORD Cluster	6. SNICKERS GAP Cluster
Barns at Hamilton Station Vineyards	868 Estate Vineyard	50 West Vineyards	Carroll Vineyards	8 Chains North	Bluemont Vineyard
Casanel Vineyards	Breaux Vineyards	Barrel Oak Winery	Creek's Edge Winery	Catocin Creek Winery	Bogati Bodega & Vineyard
Dry Mill Vineyards & Winery	Bozzo Family Vineyards	Boxwood Winery Estate Winery	Fabbioni Cellars	Corcoran Vineyards	North Gate Vineyards
Hunters Run Wine Barn	Cardamon Family Vineyards	Cana Vineyards and Winery	Hidden Brook Winery	Crushed Cellars	Otium Cellars
Stone Tower Winery	Doukenie Winery	Chrysalis Vineyards	Lost Creek Winery	Hiddencroft Vineyards	Stone House Meadery
Willowcroft Farm Vineyards	Hillsborough Vineyards	Fleetwood Farm Winery	Tarara Winery	Sunset Hills Vineyard, LLC	Wild Hare Hard
Zephaniah Farm Vineyard	Notaviva Vineyards	Greenhill Winery and Vineyard	Winery 32	Terra Nebula Vineyards	
	Maggie Malick Wine Caves	Mt. Defiance Cider		The Wine Reserve at Waterford	
	Two Twisted Posts Winery	Quattro Goombas Winery		Village Winery & Vineyard	

- List of addresses with the Geo Co-ordinates is available from the following link / spreadsheet.
http://data-loudoungis.opendata.arcgis.com/datasets/7f77e9b762f54c549f239bab03ba2d5c_2
- Location data for the Loudoun 'wineries' from FourSquare website providing reviews/ratings etc.,
<https://foursquare.com/explore?mode=url&ne=39.334297%2C-77.263412&q=Wineries&sw=38.853612%2C-78.062668>

And any relevant data from the Loudoun county data to be used for the scope of this project.