



Prediction of Wine Body levels



Business Problem



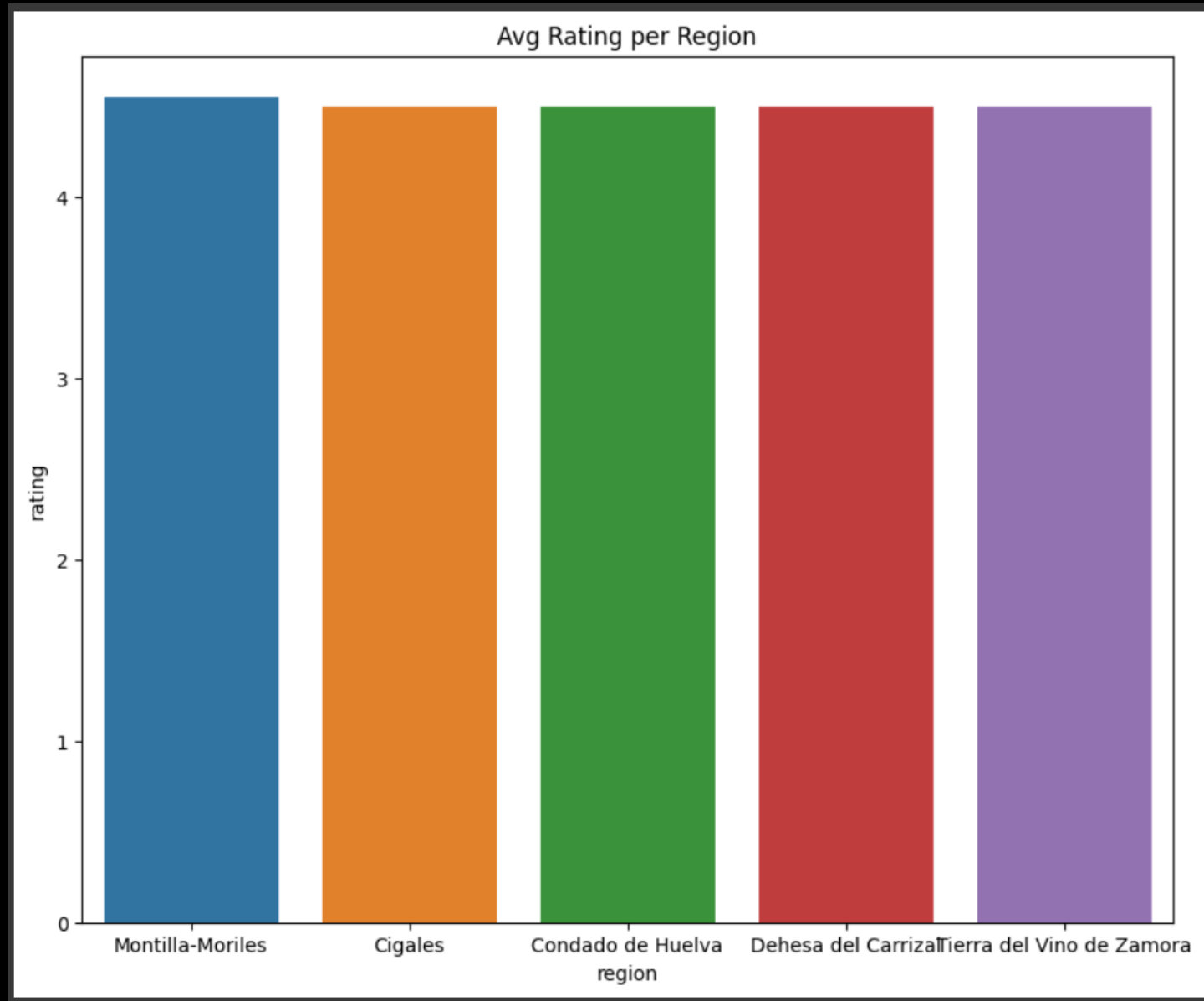
Spanish Wine Dataset

1. winery: Winery name
2. wine: Name of the wine
3. year: Year in which the grapes were harvested
4. rating: Average rating given to the wine by the users [from 1-5]
5. num_reviews: Number of users that reviewed the wine
6. country: Country of origin [Spain]
7. region: Region of the wine
8. price: Price in euros [€]
9. type: Wine variety
10. body: Body score, defined as the richness and weight of the wine in your mouth [from 1-5]
11. acidity: Acidity score, defined as wine's "pucker" or tartness; it's what makes a wine refreshing and your tongue salivate and want another sip [from 1-5]

Top 5 Regions (Highest Average Price)



Top 5 Regions (Highest Average Rating)



Model Performance

- Default model 96% accuracy and ability to distinguish the correct body values.
- Post tuning and adjustment – accuracy improved to 97%.