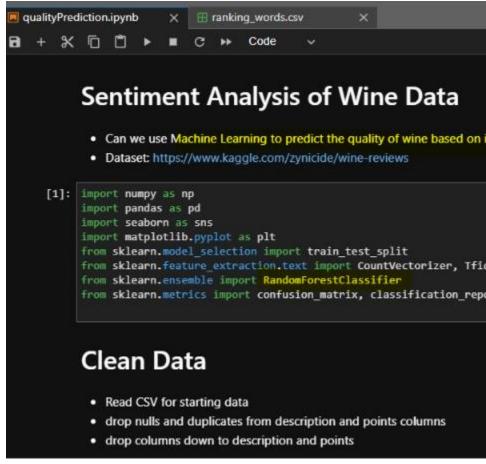
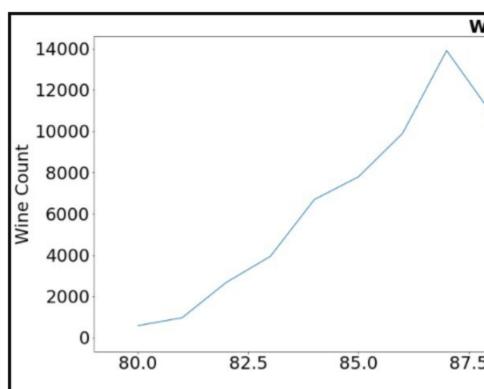
## Nic's Cleaning and ML Perspective Modeling by description\_length





## Description length vs points

· Add description length column

10.7	# Add description length column description_points_df = description_points_df.assign(description_length.assign(description
	description_points_df.head()

	description	points	description_length
25	Yields were down in 2015, but intensity is up,	94	215
29	This standout Rocks District wine brings earth	94	333
60	Concentrated, ripe blackberry and cassis aroma	91	242
61	Moorooduc's estate Pinot Noir is a solid value	91	315
62	Smoky aromas of fresh-cut wood blend with berr	91	229

## K.I.S.S - simplify the points distribution

· Keep it simple stupid

[7]

- 1 -> Points 80 to 84 (Mediocre)
- 2 -> Points 84 to 88 (Good)
- 3 -> Points 88 to 92 (Very good)
- · 4 -> Points 92 to 96 (Outstanding)
- 5 -> Points 96 to 100 (Classic)

25

29

60

```
[9]: # simplify the points data
def getQuality(points):
    if points < 84:
        return '1.Mediocre'
    elif points >= 84 and points < 88:
        return '2.Good'
    elif points >= 88 and points < 92:
        return '3.Very good'
    elif points >= 92 and points < 96:
        return '4.Outstanding'
    else:
        return '5.Classic'

# Add kiss_points column
description_points_df = description_points_df.assign(kiss_points = dedescription_points_df.head()</pre>
[9]:

description_points_description_length kiss_points = dedescription_length kiss_points_description_length kiss_points_description_length kiss_points_description_length kiss_points_description_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_length_l
```

215 4.0

333 4.0

242

229

94

94

91

91

91

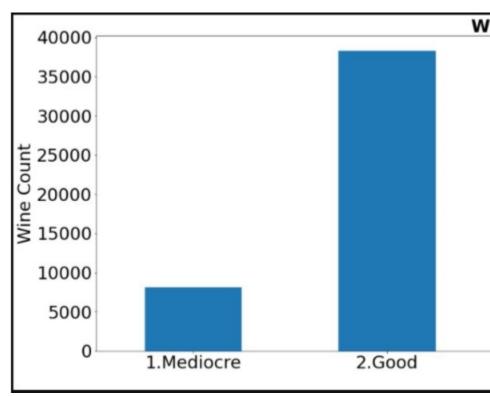
Yields were down in 2015, but intensity is up,...

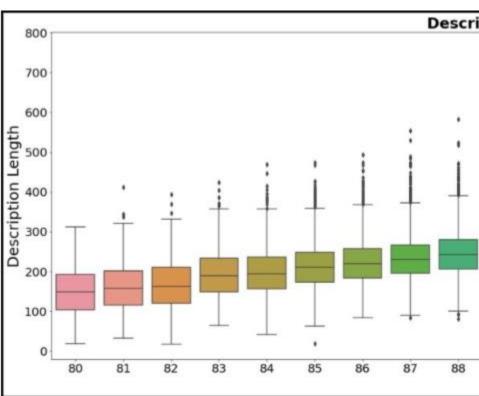
This standout Rocks District wine brings earth...

Concentrated, ripe blackberry and cassis aroma...

Moorooduc's estate Pinot Noir is a solid value...

62 Smoky aromas of fresh-cut wood blend with berr...





	precision	recall	f1-score	support
1.Mediocre	1.00	0.95	0.97	763
2.Good	0.96	0.99	0.98	3830
3.Very good	0.98	0.97	0.97	3418
4.Outstanding	1.00	0.95	0.98	1135
5.Classic	1.00	0.96	0.98	94
accuracy			0.98	9240
macro avg	0.99	0.96	0.98	9240
weighted avg	0.98	0.98	0.98	9240