

Question 2:

- Naïve Bayes:

accuracy: 97.71%			
	true <3	true >=3	class precision
pred. <3	84	4	95.45%
pred. >=3	7	385	98.21%
class recall	92.31%	98.97%	

- Naïve Bayes(kernel):

accuracy: 99.38%			
	true <3	true >=3	class precision
pred. <3	88	0	100.00%
pred. >=3	3	389	99.23%
class recall	96.70%	100.00%	

with replace missing value block.

accuracy: 99.58%			
	true <3	true >=3	class precision
pred. <3	90	1	98.90%
pred. >=3	1	388	99.74%
class recall	98.90%	99.74%	

without replace missing value block

Question 3:

- Naïve Bayes:

accuracy: 58.97%			
	true 1	true 0	class precision
pred. 1	17	0	100.00%
pred. 0	16	6	27.27%
class recall	51.52%	100.00%	

- Naïve Bayes (kernel):

accuracy: 82.05%			
	true 1	true 0	class precision
pred. 1	32	6	84.21%
pred. 0	1	0	0.00%
class recall	96.97%	0.00%	

Question 4:

- K-means Clustering:

accuracy: 66.35%			
	true <3	true >=3	class precision
pred. <3	90	326	21.63%
pred. >=3	212	971	82.08%
class recall	29.80%	74.87%	