Nam	ne:									DS100	Final
Name: Email:						Studen	t ID: _				
Max	imum	Likeli	hood								
1.1)											
1.2)											
2.1)											
2.2)											
2.3)											
Wra	ngling	and (	<u>Queryi</u>	ng Dat	a	11)					
3)	A 🔾	ВО	C 🔾	D 🔾	E 🔾				, B	3:	
4)	A 🔾	В	C 🔾	D 🔾		C:			, D	):	
5)								F·	, -		
6)						12)	A ()		C ()	D ()	E ()
7)	A 🔾	ВО	CO	D ()	E 🔾			nginee			
8)	A ()	ВО	CO	D ()		13.1)	A 🔾	ВО	CO		
9.1)	A ()	ВО	CO	D ()	Е		A O	ВО	$C\bigcirc$	$D\bigcirc$	
9.2)	A ()	ВО	CO	D ()	E O		$A \bigcirc$	$\frac{B\bigcirc}{}$	$C\bigcirc$	$D\bigcirc$	
9.3)	A ()	ВО	CO	D ()		13.4)	A 🔾	$B\bigcirc$	$C\bigcirc$	D 🔾	E ()
10)	A 🔾	В	CO	D	Е	15)	A O	B ()	CO	D ()	

Name:	DS100 Final
Email:	Student ID:
Least Squares Regression and Reg. 16.1.1) A O B O C O	
16.1.2) A O B O C O	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
16.1.3) A O B O C O	17.2) A O B O C O D O E O
18.1) T ○ F ○ 18.2) <b>Proof</b> or <b>Count</b>	er Example:
Classification           19) 1. T ○ F ○ 4. T ○ F ○	28.1) A O B O C O 28.2) A O B O C O
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	28.3) A O B O C O
	Big Data
$\begin{array}{c c} 20.1) & \uparrow y \\ 1 + & \bullet & \bullet & \bullet & \bullet \\ \end{array}$	29.1) A O B O C O D O
	29.2) A O B O C O D O
$\leftarrow 0$	30) A O B O C O D O
X	31) A O B O C O D O
20.2) Yes O No O	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
21) A O B O C O D O	EDA and Visualization
22) A O B O C O D O E O	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
Clustering         23)       A ○ B ○ C ○ D ○ E ○         24)       A ○ B ○ C ○ D ○ E ○         The Bias – Variance Tradeoff         25)       1. T ○ F ○ 5. T ○ F ○ 2. T ○ F ○ 6. T ○ F ○ 3. T ○ F ○ 7. T ○ F ○	34) A B C D E F G H I  1. 0 0 0 0 0 0 0 0  2. 0 0 0 0 0 0 0 0  3. 0 0 0 0 0 0 0 0  4. 0 0 0 0 0 0 0 0  5. 0 0 0 0 0 0 0  6. 0 0 0 0 0 0 0 0  8. 0 0 0 0 0 0 0 0  35.1) A B C D E F G H I  1. 0 0 0 0 0 0 0 0 0  33. 0 0 0 0 0 0 0 0  4. 0 0 0 0 0 0 0 0  5. 0 0 0 0 0 0 0 0  6. 0 0 0 0 0 0 0 0 0  8. 0 0 0 0 0 0 0 0 0
4. T	35.2) A O B O C O
26) A O B O C O D O	35.3) A O B O C O D O
27) A O B O C O D O E O F O G O H O I O J O	36) A O B O C O D O E O F O G O H O I O