ANOVA

Problem statements:

1. Below table provided with modules of the Test execution cycle with respective pass % of the on each test cycles.

Modules	Pass %			
	I	II	III	IV
product listing	90	95	98	99
Product search	100	95	99	99.5
shopping cart	85	90	95	98.9
Checkout	90	95	98	99
order confirmation	100	100	100	100

Do the variance analysis for the II test cycle and check any significant difference and do analysis for the III test cycle along with all modules and check the significant difference.

2. Below table provided with modules of the Test execution cycle with respective FAIL % of the on each test cycles.

Modules	Fail %			
	I	II	III	IV
product listing	10	5	2	1
Product search	0	5	1	0.5
shopping cart	15	10	5	0.2
Checkout	10	5	2	1
order confirmation	0	0	0	0

Do the variance analysis for the IV test cycle and check any significant difference and do analysis for the III test cycle along with all modules and check the significant difference.

3. Below table provided with severity of the Test execution cycle with respective severity of the fail during each test cycles.

Test cycle	Severity				
	Blocker	**Critical**	**High**	**Medium**	**Low**
I	4	4	8	12	5
II	3	5	5	2	10
III	2	1	2	3	2
IV	0	0.2	0.5	1	1

Do the variance analysis for the Critical and check any significant difference and do analysis for the Critical fail along with all test cycles and check the significant difference.

4. Below table provided with support tickets raised on module wise.

Modules	tickets				
	Blocker	**Critical**	**High**	**Medium**	**Low**
product listing	4	4	8	12	5
Product search	3	5	5	2	10
shopping cart	2	1	2	3	2
Checkout	0	0.2	0.5	1	1
order confirmation	0	0	0	0	0

Do the variance analysis for the Critical and check any significant difference and do analysis for the Critical fail along with all modules and check the significant difference.

5. Below table provided with Re-Test fail % on module wise.

Modules	Re-Test Fail%			
	I	**II**	**III**	**IV**
product listing	2	2	1	1
Product search	0	2	0	1
shopping cart	2	5	0	1
Checkout	1	0	0	1
order confirmation	0	0	0	0

Do the variance analysis for the II and check any significant difference and do analysis for the II fail along with all modules and check the significant difference.