IE 460 Spring 2019

Comments on Case 1

Case 1 statistics:

Average: 4.74, Standard Deviation: 0.43

Grade	5	4	3	2	1	0
# of groups	9	3	0	0	0	0

Comments regarding your performance:

General Comments:
In general, your performance on conducting lengthy analyses was above my expectations and thanks for your patience a lot. What you need to improve is the quality of reports. I sense that you start writing the report with fatigue and think that the excel screenshots are self-explanatory. I observed during my internship that the ability to create well-written documents in a limited time is crucial in your professional life. Personally, I put an extra effort to understand the solutions in order to be fair while grading, but I guess it is very different outside the school. I recommend you sharpen this skill in any chance you have. Please find more specific comments below.

Specific Comments:

- While answering the questions, a few of you did not refer to the corresponding appendix and table. There was no link between what is written in the main text and the appendices. Therefore, it was very hard to follow the analyses.
- A lot of you wrote wrong formulae in the reports or did not write at all, although you used the correct version while making analyses in excel screenshots. I suggest that you write the formulae in every time you use in excel (copy paste is fine).
- Some stated that in-transit inventory exists whereas some stated that we can ignore it because the lead time for DC's and NDC's are same, so it cannot be due to transportation time. Both approaches are acceptable.
- A few of you multiplied the safety stock and avg. cycle stock (Q/2) value with (# of days in a year)/(review time + lead time) to find the *annual* cost of safety stock. I believe this is a serious mistake, please understand what average inventory means.
- For question 3, two groups formulated an LP model and solved in excel solver in order to analyze their suggestions. Special thanks to them.