



Master of  
Management Analytics  
Toronto

Course Number: MMA 2025S  
Course Name: MMA 861: Analytical Decision Making

Assignment Name: Assignment 3 Individual  
Due Date: July 20, 2024 9am

Team Name: Team Gordon

Student Name	Student Number
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Order of files:

Filename	Pages	Comments and/or Instructions
MMA861Assignment3Individual.pdf		
MMA861Assignment3Individual.xlsx		

Additional Comments:

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### **Question 3**

We suggest going with the option to install the drives without testing. This gives us the expected profit of \$280 per drive. We came to this conclusion by evaluating the three options: installing without testing, testing then deciding, and reworking all before installations. We also considered costs and probability of having false positives and defective drives.

First option, installation without testing the drives gives us the expected profit of \$280 per drive. Second option, the reworking of all drives before installation gives us an expected profit of \$200 per drive. The third option to test each of the drives has a cost of \$25.

The first option, to install without testing gives us the best profit of \$280 given the costs and probability.