Module 03 – Production Modeling

*A table of numbers with numbers

AI-generated content may be incorrect.A graph of different colored bars

AI-generated content may be incorrect.*

Model Optimized for Cost Reduction

*Implement your formulation into Excel and be sure to make it neat. This section should include:*

* *A screenshot of your optimized final model (formatted nicely, of course)*
* *A text explanation of what your model is recommending*

*A screenshot of a spreadsheet

AI-generated content may be incorrect.*

*Model recommends to produce those units in order minimize cost equaling $120,452.*

Model with Stipulation

*Please copy the tab of your original model before continuing with the next part to avoid messing up your original solution. If we remove the production capacity constraint from the model & we removed the carrying cost, what do you think will happen? Try it out and see if it matches your expectation. Try to explain what is happening and talk a bit about the fallbacks of models.*

*I think what will happen is the cost will go down from 120, 452 to a lower amount. I implemented those instructions; the cost did indeed go down from what they were. Potential fallbacks that would occur would be incrementing costs for the company due to not holding them accountable and lacking control for the company.*