

## Team Meeting Minutes #12

**Date/Time** 22th Mar 2018, 3.30pm to 9.00pm

**Venue** Singapore Management University (SMU), School of Law

**Attendees** Toh Ling Jing (Angie), Phang Shi Jia, Ryan Chia Cheng Yu

**Agenda**

1. Changes to Monte Carlo Simulation model as our prediction model
2. Run Logistic Regression to determine the significant of our variables

S/N	Notes/Task	Actor	Follow-up Action
1.	<ul style="list-style-type: none"> <li>• Based on meeting with supervisor on 20<sup>th</sup> Mar, there are a few changes to make:               <ul style="list-style-type: none"> <li>• Use JMP to monte Carlo Simulation to run the prediction for products that show significant time series pattern</li> <li>• Using SAS to cluster products with the same time series pattern for future use.</li> </ul> </li> <li>• Discuss finding on the control chart. Especially point outside the control limits signals the presence of a special cause of variation.</li> </ul>	Ryan, Angie	<ul style="list-style-type: none"> <li>• Update supervisor on our progression</li> <li>• Update supervisor on our finding from the refine control chart</li> </ul>
2.	<ul style="list-style-type: none"> <li>• Try Decision tree to determine if there is any correlation between the holiday and day of week but no significant result.</li> <li>• Run logistic regression by utilizing JMP Pro to analyze the significant of the independent variables</li> </ul>		<ul style="list-style-type: none"> <li>- Discard decision tress model because no significant result can be found.</li> <li>- Update supervisor on our next meeting regarding our finding from the logistic regression model.</li> </ul>