



### **0703: Internal Meeting**

Date/Time 7 March 2018, 3:00 PM – 6:00 PM

Attendees Shubhangi, Tanushree, Arushi

Tasks	Actor	Follow up Action
<p>Discussion on Clustering method</p> <ul style="list-style-type: none"> <li>• Literature review: Read from the library about methods of clustering and papers that have used clustering before</li> </ul>	<p>Arushi, Tanushree, Shubhangi</p>	<p>All three read and compile notes on Google docs for everyone's reference</p>
<p>Based on previous readings:</p> <p>Current Options :</p> <ul style="list-style-type: none"> <li>• K-Means -&gt; Large data, low complexity</li> <li>• Normal Mixtures -&gt; very large outliers</li> <li>• Hierarchical</li> <li>• Latent Class</li> </ul> <p>Read on how to choose variables, how to transform and standardize for each method</p>	<p>Arushi, Shubhangi</p>	
<p>Discussion on Distance Analysis</p> <ul style="list-style-type: none"> <li>• Solved some errors regarding distance analysis on QGIS</li> </ul> <p>- Since client does not want average distance from booking location to restaurant</p> <ul style="list-style-type: none"> <li>• Work on some form of restaurant to restaurant distance between restaurants that the user books at</li> <li>• Some ideas: <ul style="list-style-type: none"> <li>- Max Spanning Tree between restaurants</li> <li>- Distance of 1-2, 2-3, 3-2 and average -&gt; but what when there is only one restaurant?</li> </ul> </li> </ul>	<p>Tanushree</p>	<p>Work on distance analysis</p>