



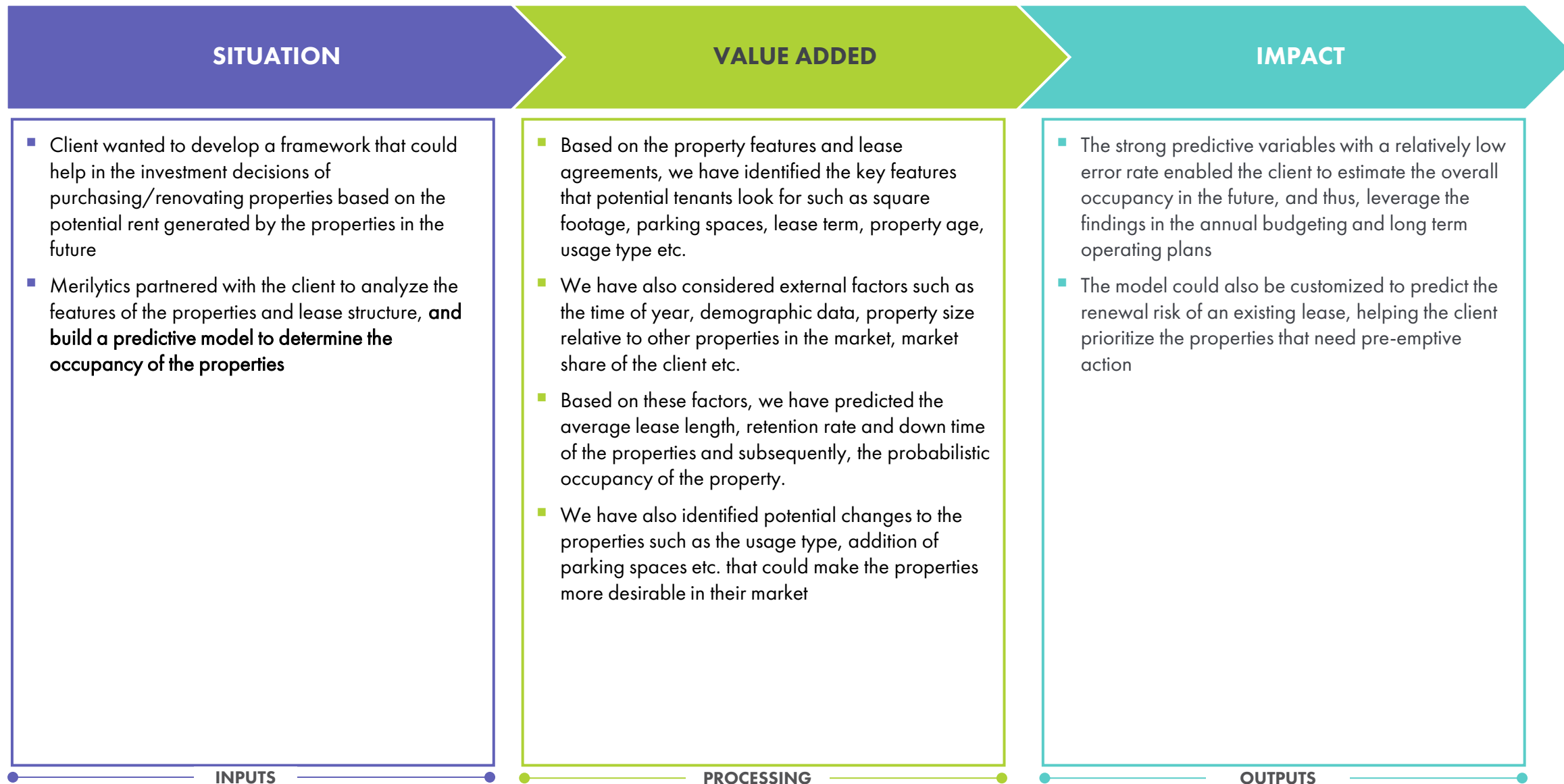
Utilization Prediction Model

(SaaS Company Operating In The Energy Domain)

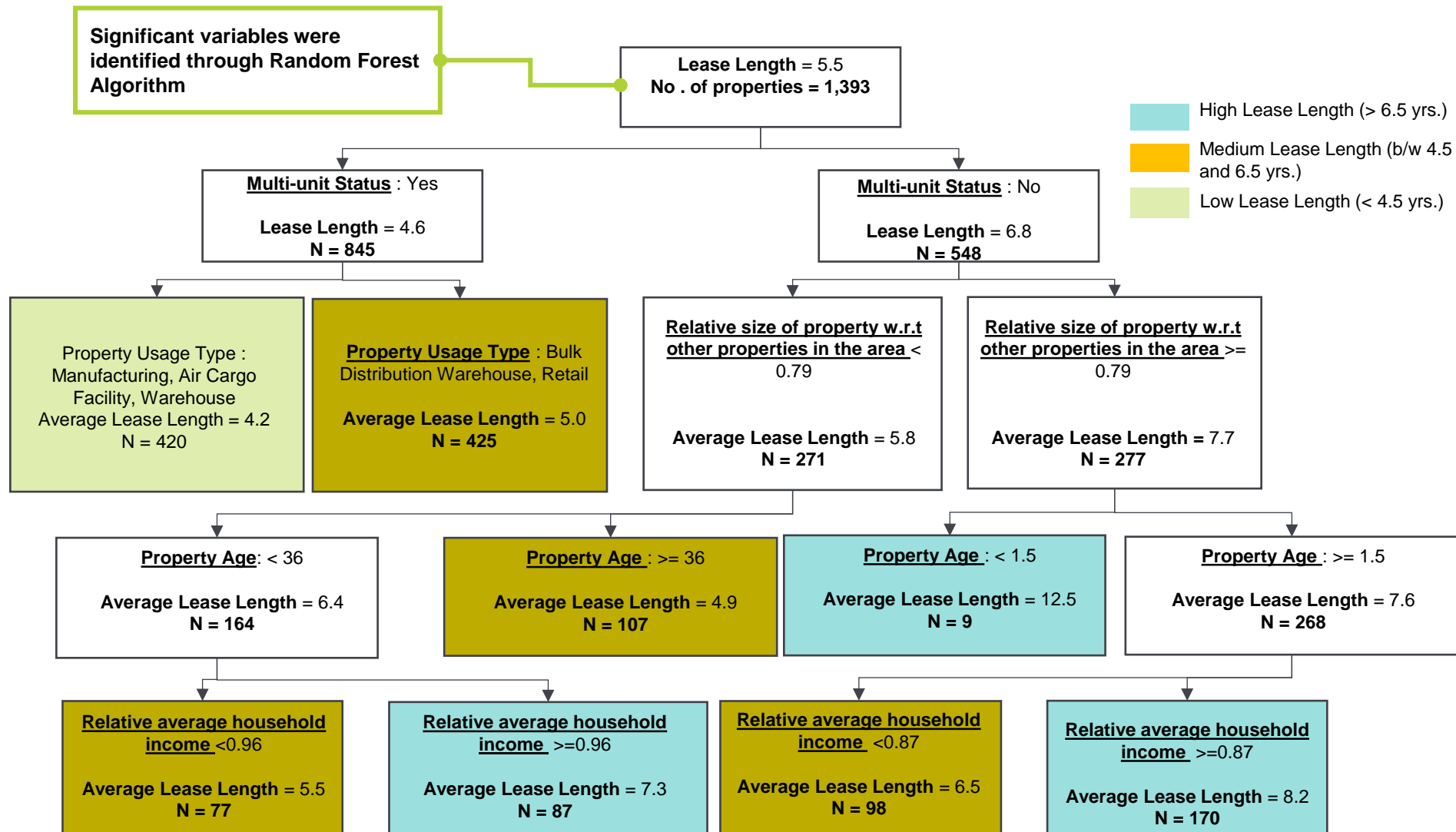
Enhanced visibility into the sales pipeline hygiene, growth and sales representatives' performance leveraging Tableau CRM to provide valuable business insights to the Revenue Operations team

► Development of Occupancy Prediction Model for a Real Estate Company

ABOUT THE CLIENT: Client is a leading Logistics Real Estate firm in the U.S. that leases warehouses and fulfillment centers to manufacturing and distribution companies.



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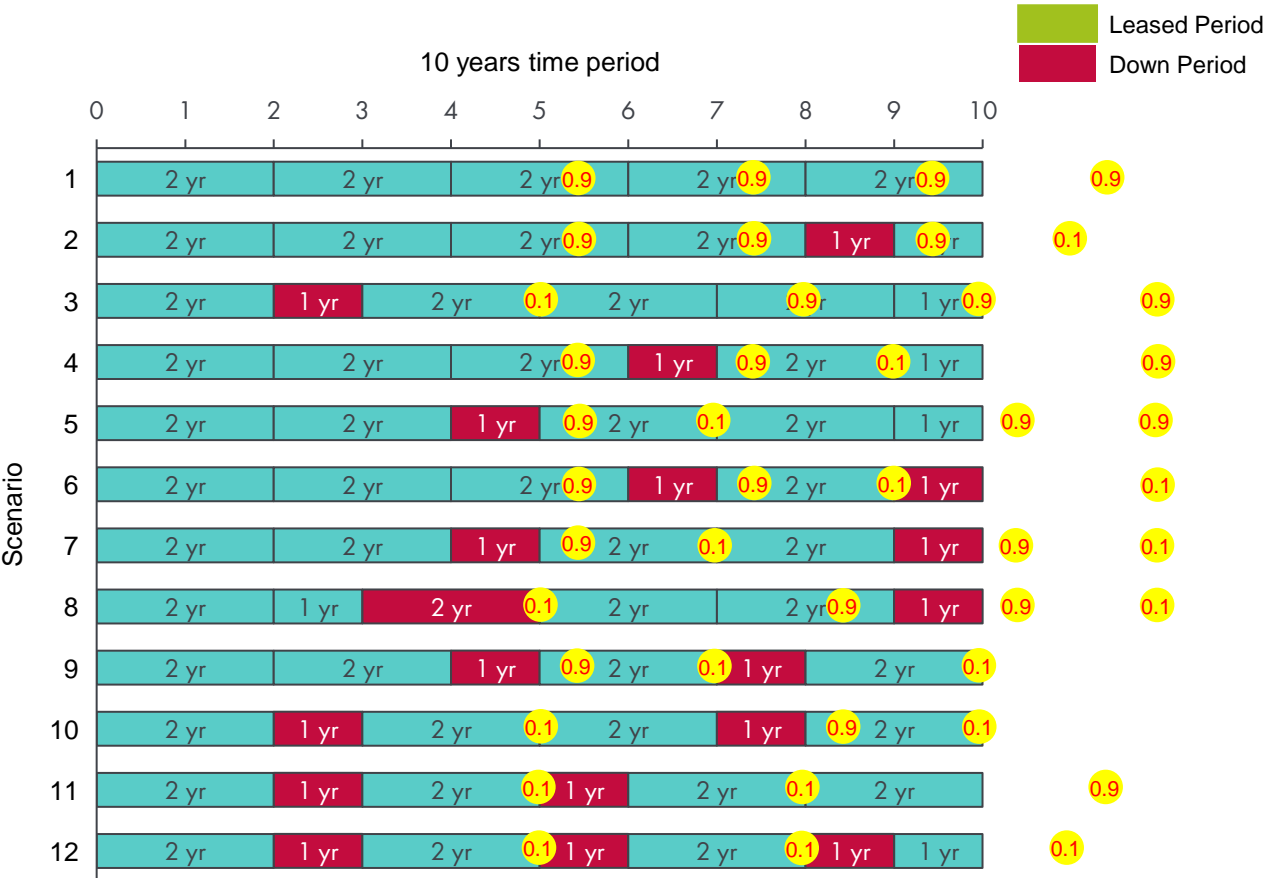
► Development of Occupancy Prediction Model for a Real Estate Company

Predicted Variables:

- Average Lease Length = 2 years
- Average Down Time = 1 year
- Retention Rate = 90%

Predicted the lease length, down time and tenant retention rate based on the significant variables

Simulated various occupancy scenarios based on the predicted variables and calculated the probabilistic occupancy



Scenario Occupancy ¹ (A)	Probability of Scenario (B)	Probabilistic Occupancy (A * B)
100%	0.6561 (=0.9 x 0.9 x 0.9 x 0.9)	65.61%
90%	0.0729 (=0.9 x 0.9 x 0.9 x 0.1)	6.56%
90%	0.0729 (=0.1 x 0.9 x 0.9 x 0.9)	6.56%
90%	0.0729 (=0.9 x 0.9 x 0.1 x 0.9)	6.56%
90%	0.0729 (=0.9 x 0.1 x 0.9 x 0.9)	6.56%
80%	0.0081 (=0.9 x 0.9 x 0.1 x 0.1)	0.65%
80%	0.0081 (=0.9 x 0.1 x 0.9 x 0.1)	0.65%
80%	0.0081 (=0.1 x 0.9 x 0.9 x 0.1)	0.65%
80%	0.009 (=0.9 x 0.1 x 0.1)	0.72%
80%	0.009 (=0.1 x 0.9 x 0.1)	0.72%
80%	0.009 (=0.1 x 0.1 x 0.9)	0.72%
70%	0.001 (=0.1 x 0.1 x 0.1)	0.07%
Total		96.03%

1. Scenario occupancy is the occupancy when the scenario plays out as shown in the adjacent chart
2. The property is assumed to be on lease after a downtime giving it a 100% probability of occupancy after each downtime in the above chart.