

Edge attributes and performance measures

Supply Chain Edge Attributes		
Sr	Attribute/Feature	Description
1	Link distance	By road distance between two nodes
2	Transportation Type	Road/Air
3	Lead Time	Time to deliver the shipment from one node to another
4	Product(s)	List of products (SKUs) that are being transported
5	Max load capacity	The maximum quantity that can be shipped
6	Min shipment quantity	The minimum quantity required to start shipment
7	Transportation cost	The cost to transport goods from one node in SC to another
8	Prob of link failure/unavailability	Probability of unavailability of this link due to natural disasters/road maintenance/road blocks due to rallies, etc
9	CO2 cost	Carbon emission cost
10	Edge Reliability	Reliability of the edge (probability)
11	Edge resilience	Resilience depends on the reliability of the edge and connected nodes
12	Edge criticality	Refers to the importance of the edge
Supply Chain Edge Performance Measures		
Sr	Performance Measure	Description
1	Flow	Flow amount of number of products over a certain time period
2	CO2 cost	Carbon emission cost
3	Link utilization	Link utilization