

Requirements	Description	Value
	1 Add route suppliers to the database.	2,50%
	2 List route suppliers from the database	2,50%
	3 Add routes to the database	2,50%
	4 Get the passengers per route (use information from trips topic only)	5,00%
	5 Get the available seats per route (Use information from routes topic only)	5,00%
	6 Get The Occupancy percentage per trip	5,00%
	7 Get total passengers (from trips topic only)	2,50%
	8 Get total seating available for all routes (from the routes topic only)	2,50%
	9 Get the occupancy percentage total (for all routes)	5,00%
	10 Get the average number of passengers per transport type	5,00%
	11 Get the transport type with the highest number of served passengers (only one if there is a tie)	5,00%
	12 Get the routes with the least occupancy per transport type	5,00%
	13 Get the most used transport type in the last hour (use a tumbling time window)	5,00%
	14 Get the least occupied transport type in the last hour (use a tumbling time window)	5,00%
	15 Get the name of the route operator with the most occupancy. Include the value of occupancy	5,00%
	16 Get the name of the passenger with the most trips	5,00%
	17 Serializer/Deserializer (CustomSerializer or JSON serialized to a Java object. e.g. KStream<String, Route>)	5,00%
	18 Configure Kafka with multiple brokers to enable Fault-Tolerance	2,50%
	19 Source connections to read from the database	5,00%
	20 Sink connections to send results to the database	5,00%
	21 Enabling simple verification of results	5,00%
	Attention to Details	10,00%
	Late Delivery	-10,00%
Total		90,00%