

Define CS, fit into CC	<div>1. CUSTOMER SEGMENT(S) Transport Vehicles Driver/owner Transport Companies</div> <div>CS</div>	<div>6. CUSTOMER CONSTRAINTS Experiment and simulation are combined on the diesel engine with asymmetric turbocharger</div> <div>CC</div>	<div>5. AVAILABLE SOLUTIONS Ideations Providing data and research analysis of fuel economy potential by country and region Creating database with data collected using PEMS devices</div> <div>AS</div>	Explore AS, differentiate
	<div>2. JOBS-TO-BE-DONE / PROBLEMS Models are developed to compute the fuel consumption levels of vehicles The research collects bus fuel consumption data for diesel vehicles</div> <div>J&P</div>	<div>9. PROBLEM ROOT CAUSE The model is more consistent with empirical observations compared to the MOVES and CMEM models</div> <div>RC</div>	<div>7. BEHAVIOUR A new asymmetric twin-scroll turbocharged engine with two EGR circuits is first presented The new system has the maximum EGR rate and fuel economy improvements of 8.59% and 1.98%</div> <div>BE</div>	
Focus on J&P, tap into BE, understand RC				
	<div>3. TRIGGERS TR Performing correlation analysis on the input parameters selected to eliminate multi-colinear variables.</div>	<div>10. YOUR SOLUTION SL Developing the neural networks and identifying the network with best-performing hyper parameters</div>	<div>8. CHANNELS of BEHAVIOUR CH 8.1 ONLINE Check current ongoing fuel consumption 8.2 OFFLINE</div>	

<div>4. EMOTIONS: BEFORE / AFTER</div> <div>EM</div> <div>before customer can only monitor the fuel consumption</div> <div>after developing the model customer can anti-siphoning devices update on fuel amounts in trucks</div> <div>They incorporate data about fuel transactions into analytics</div>	<div>The hyper parameters include the number of hidden layers learning rate and optimization function.</div>	<div>Customer can view previous fuel monitoring status</div>
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