





C:\Users\Kishore\Cursor-Projects\test\backend>curl http://localhost:8801/api/v1/customer/CUST0010/recommendations
{"customer\_id":"CUST0010", "profile":{"customer\_id":"CUST0010", "age":26, "income":117791, "education":"Bachelor", "occupation":"Artist"}, "transaction\_metrics":{
"total\_spent":1464.6579089763327, "avg\_transaction":183.8021373720416, "category\_breakdown":{"Bills":623.8971117957485, "Entertainment":628.3528124389754, "shop
ping":124.528319340834359, "Transport":"87.886634940126494, "date":"2025-9-32716:41.88.291520", ""ransport":" amount":87.886634940126494, "date":"2025-9-32716:41.88.291520", "fcategory":"Entertainment", "amount":168.92541949860
657, "date":"2025-92-21116:41:08.291732"}, {"category":"Entertainment", "amount":230.31949098290355, "date":"2025-91-20116:41:08.291703"}, {"category":"Shopping", "amount":124.52031934034359, "date":"2025-91-17116:41:08.291639"}]}, "sentiment\_metrics":{ avg\_sentiment\_score":0.46347900906716533, "recent\_sentiments":[{pulatform":"Facebook", "content:":"Sample post for CUST0010", "sentiment\_score":0.7658643168029795), {"platform":"Facebook", "content:":"Sample post for CUST0010", "sentiment\_score":0.7658643168029795), asple post for CUST0010", "sentiment\_score":0.79, asple post for CUST0010", asp

C:\Users\Kishore\Cursor-Projects\test\backend>curl http://localhost:8001/api/v1/customer/CUST0010/insights
{"customer\_id":"CUST0010", "insights": {"error":"!profile":", "customer\_id":"CUST0010"), "timestamp":"2025-03-26117:00:25.727467"}
C:\Users\Kishore\Cursor-Projects\test\backend>curl http://localhost:8001/api/v1/customer/CUST0010"), "timestamp":"2025-03-26117:00:25.727467"}
{"customer\_id":"CUST0010", "insights":{"profile\_insights":{"age\_group":"Senior Professional", "income\_level":"Upper Mid Level", "occupation\_insights":{"categor
y":"Other", "risk\_level":"Moderate"}, "spending\_insights":{"total\_spent":2308.9577744856637 'avg\_transaction":256.55985827618484, "top\_categories":["Food", 96
1.314687998671], "Entertainment", 822.6491055644675], ["Transport", 339.17601794390491], "spending\_trend":"Increasing\_spending\_trend"; "sentiment\_insights"; "overall\_sentiment"-0.549406659917\*3496, "platform\_breakdown":{"Facebook":-0.5721325168149533, "LinkedIn":-0.9464483520515039, "Twitter":-0.584157392741339}}}, "ti
mestamp":"2025-03-26117:16:45.548776"}

:\Users\Kishore\Cursor-Projects\test\backend>curl http://localhost:8001/api/v1/customer/CUST0010/analysis
["customer\_id":"CUST0010", "profile":{"customer\_id":"CUST0010", "age":64, "income":105661, "education":"Master", "occupation":"Artist"}, "transaction\_metrics":{"transaction\_specific total\_spent":2308.9577244856637, "ag\_transaction":256.55085827618484, "category\_breakdown":{"Entertainment":382.60491956644675, "Food":961.314087998671, "Shoppin
":125.81782287861998, "Transport":339.176601794930491, "recent\_transactions":["tracegory":"Entertainment":382.9604275650369, "date":"2025-02-26171:16:27.892749"], {"category":"Entertainment", "amount":349.511849707413, "date":
2025-02-13171:16:27.892702\*], {"category":"Transport", "amount":339.176017943999, "date":"2025-02-2717:16:27.892799\*], {"category":"Food", "amount":499.208375
3224506, "date":"2025-02-051717:16:27.892811\*]}, "sentiment\_metrics":["aya\_sentiment\_score":-0.6494086590475406, "recent\_sentiments":["platform":"Facebook", "content":"Sample post for CUST0010", "sentiment\_score":-0.4863366775561965), {"platform":"Facebook", "content":"Sample post for CUST0010", "sentiment\_score":-0.593730433333349}, {"platform":"Facebook", "content":"Sample post for CUST0010", "sentiment\_score":-0.5927563395577502}], sentiment\_by\_platform":"Facebook", "content":"Sample post for CUST0010", "sentiment\_sco