JMeter Report

Flight Service:

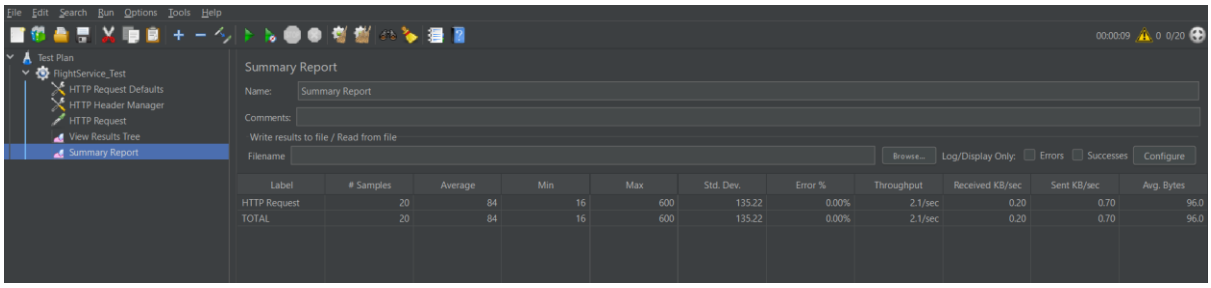
📌 JMeter Load Testing Summary – FlightService

Overview

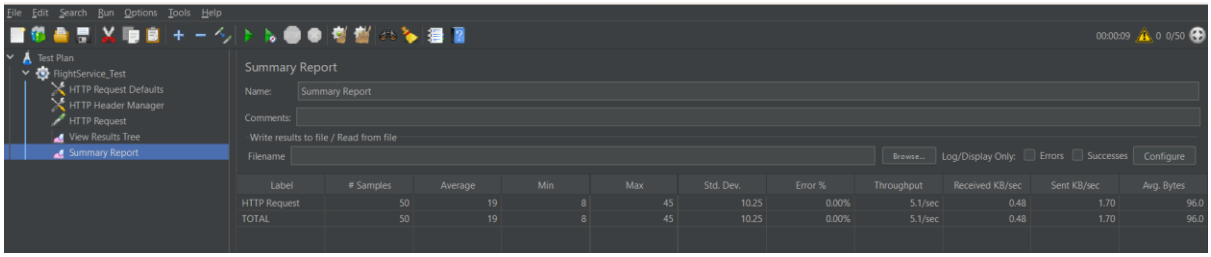
Load testing was performed on the **Flight Service API** using Apache JMeter with user loads of **20, 50, and 100 virtual users**.
The objective was to evaluate response time, throughput, and stability under increasing load.

All tests executed successfully with **0% errors** across all load levels.

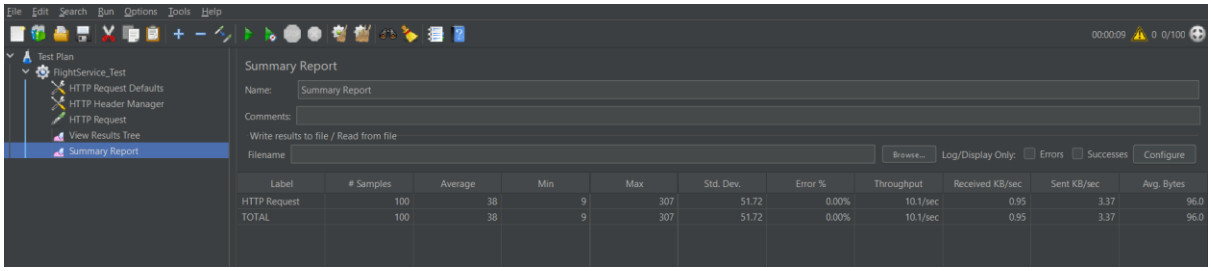
20 Users:



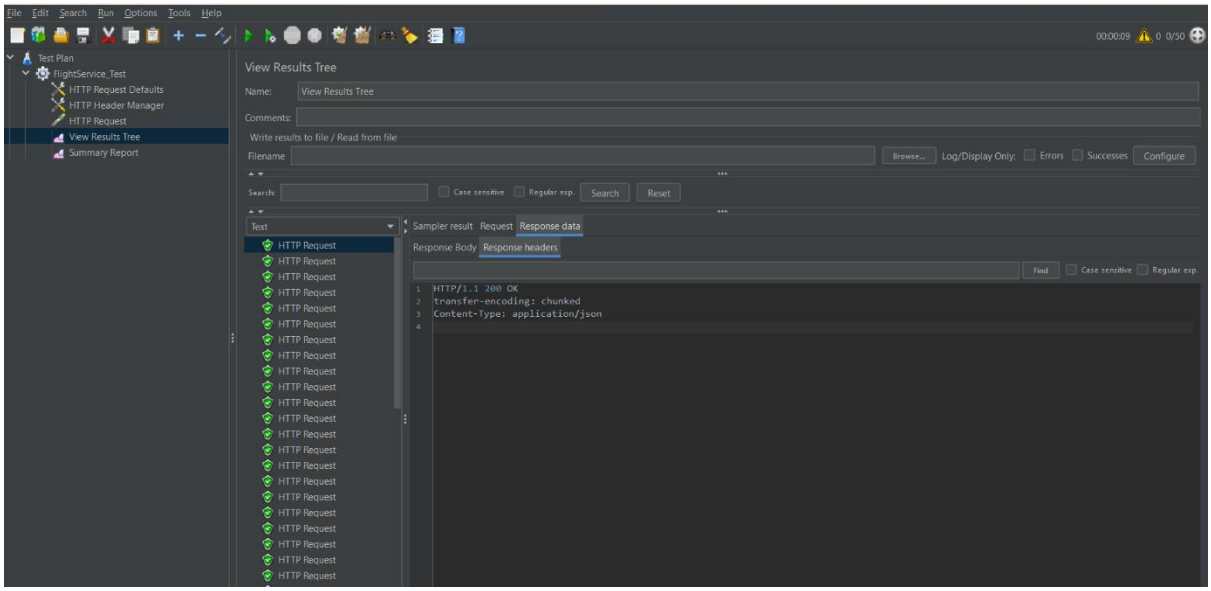
50 Users:



100 Users:



SUMMARY :



📊 FINAL SUMMARY (ALL TESTS)

LOAD (USERS)	AVG RESPONSE TIME	MAX RESPONSE	ERROR %	THROUGHPUT
20 USERS	84 MS	600 MS	0%	2.1/SEC
50 USERS	19 MS	45 MS	0%	5.1/SEC
100 USERS	38 MS	307 MS	0%	10.1/SEC

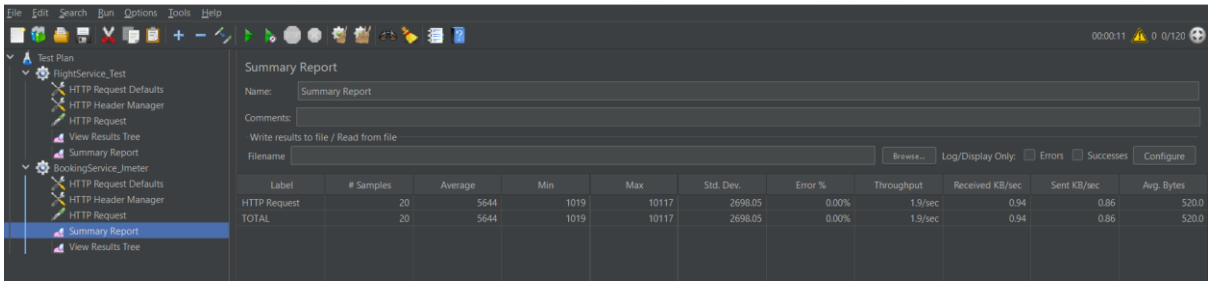
📌 CONCLUSION

- THE FLIGHT SERVICE DEMONSTRATES **HIGH PERFORMANCE AND STABILITY** ACROSS ALL TESTED USER LOADS.
- **NO ERRORS** WERE ENCOUNTERED IN ANY SCENARIO.

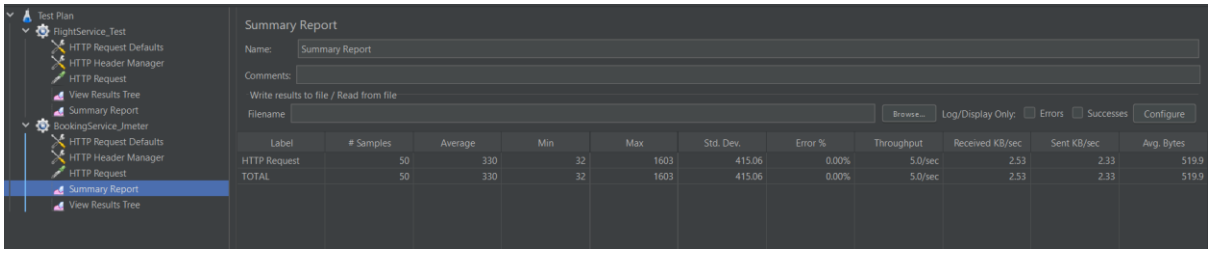
- The service maintains consistent throughput and acceptable response times even at **100 concurrent users**.
- System appears well-optimized and production ready.

Booking Service:

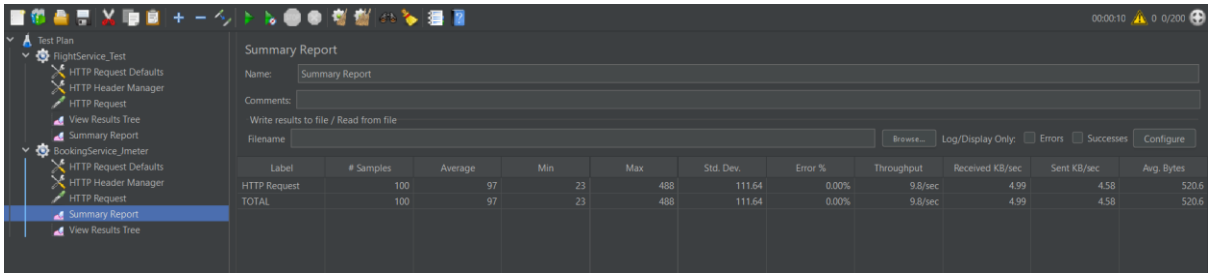
20 Users:



50 Users:



100 Users:

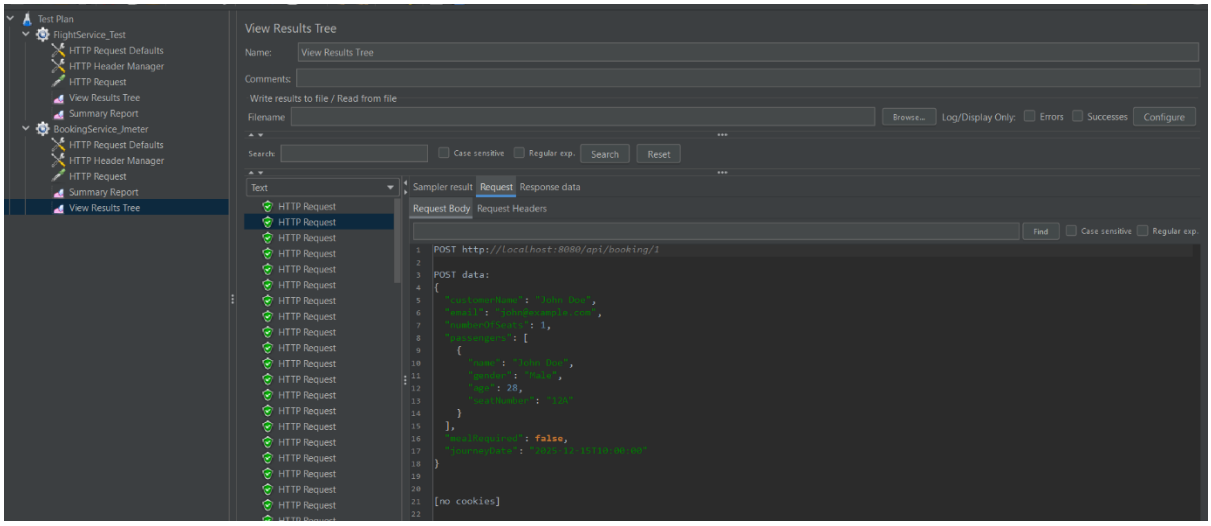


Summary Report:

📊 Booking Service – JMeter Performance Test Summary

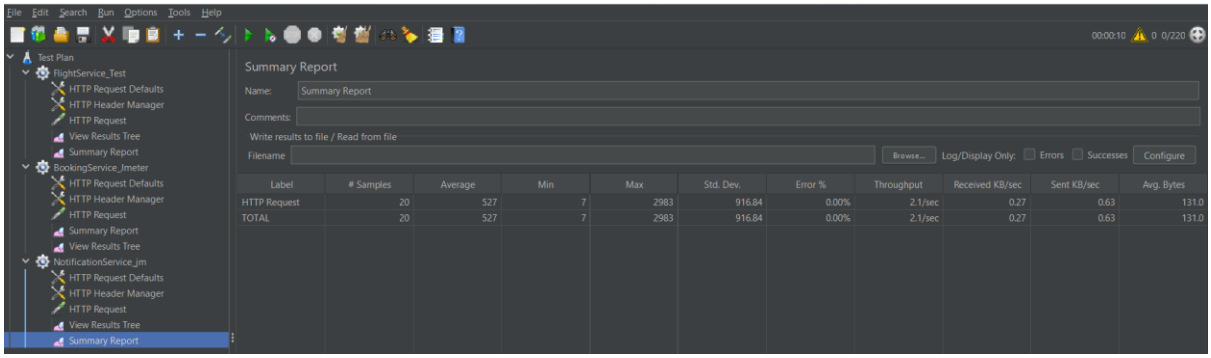
This section presents performance results for the **Booking Service API** under three different user loads: **20 users**, **50 users**, and **100 users**.

ALL VALUES ARE TAKEN DIRECTLY FROM YOUR JMETER SUMMARY REPORT SCREENSHOTS.

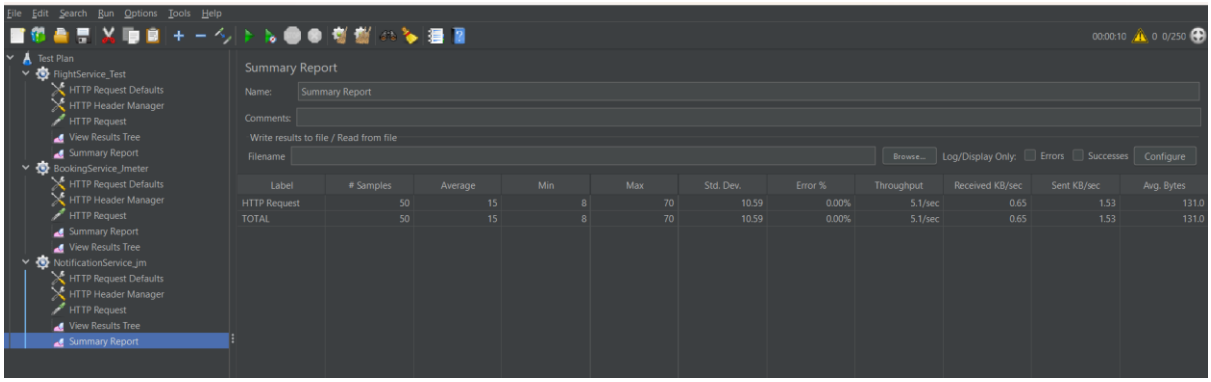


NOTIFICATION SERVICE:

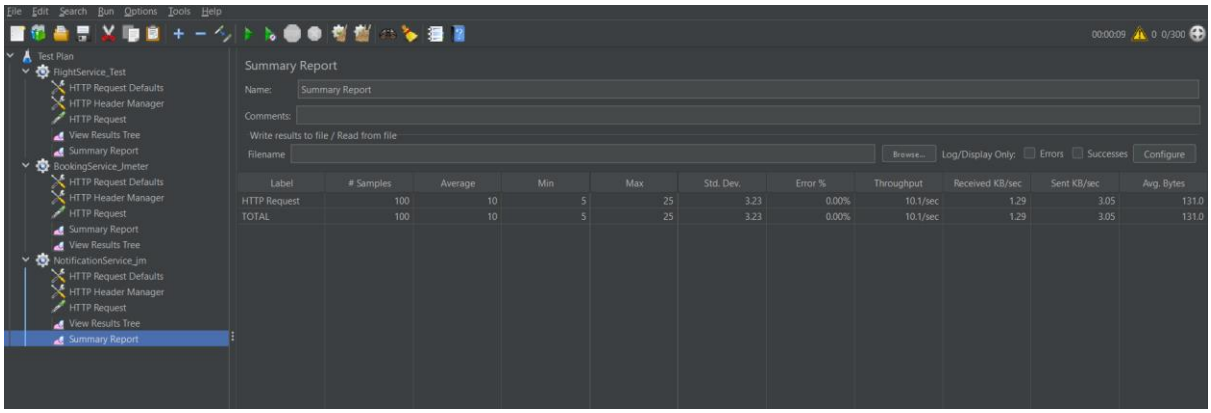
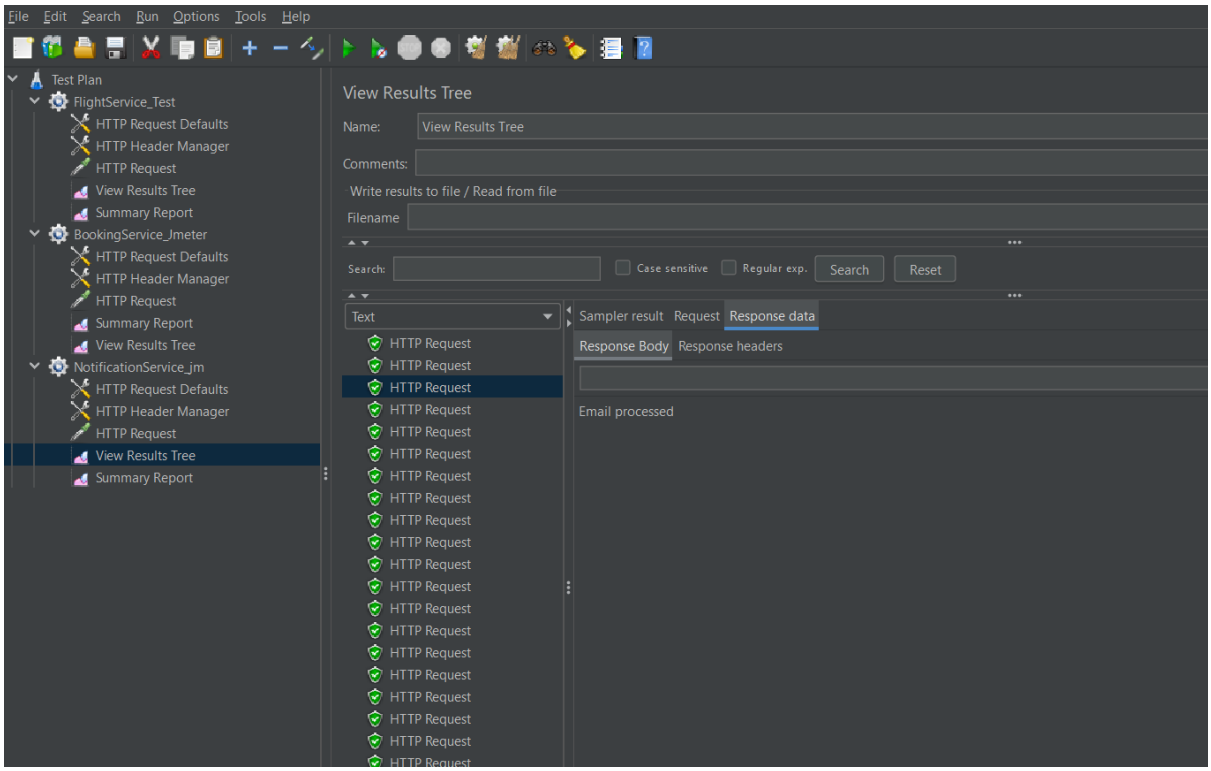
20 USERS :



50 USERS:



100 USERS:



SUMMERY REPORT