**Performance Monitoring Reports**

These reports provide visibility into the operational performance of the system.

**Contents:**

* **Transaction Success Rates:** Percentage of successful vs. failed transactions over a period.
* **Latency Metrics:** Average and peak response times for critical operations (e.g., API calls, data fetches).
* **Error Logs:** Categorized error codes (4xx, 5xx, application-level errors), their frequency, and time of occurrence.
* **Trend Analysis:** Graphs showing performance over time (daily, weekly, monthly).
* **Service Health Dashboards:** Snapshots or exported reports from tools like Prometheus, Grafana, CloudWatch, New Relic, etc.

**Tools Used:** Prometheus, Grafana, AWS CloudWatch, ELK Stack, Splunk, Datadog  
**Purpose:** Identify bottlenecks, maintain SLA, and support real-time incident response.