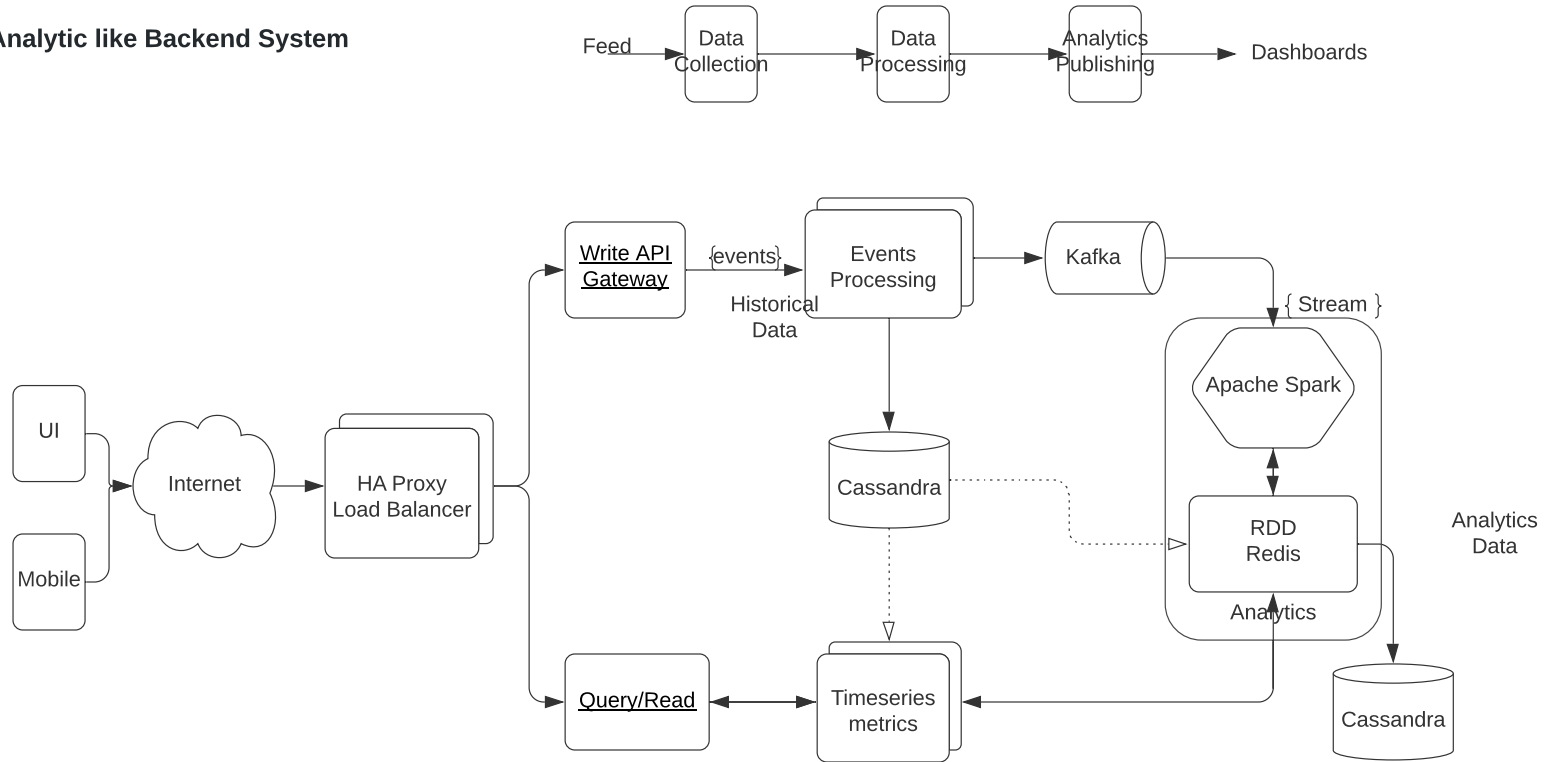


Google Analytic like Backend System



1. Web client sends the website events to Analytics system
2. System uses the Load Balancer to handle billions of write events
3. Multiple event processing services stores the events into DB and posts the real-time message to Kafka
4. Apache Spark collects the stream of data from Kafka queue
5. Spark analytics uses the RDD/Redis in-memory DB for dataset collection and analytics, stores that in persistent storage
6. Multiple Timeseries metrics processing services are used for minimum downtime
7. Web client reads the time metrics from Analytics engine and can query the reprocessing of historical data