matching the file name File localization → Log filebeat-server 2025-06-06 00-00-00.parquet 2025-06-06 00 log1 log2 log3 log4 log5 log6 time1 time2 time3 time4 time5 time6 fault start time faultl end time Time window filtering time2 time5 error: db connection failed keep only error logs error: db connection failed **Error keyword filtering** info: user logged in ERROR: file upload failed **ERROR**: file upload failed ···, time_Beijing, k8_pod, k8_node_name, message, ··· extract key columns **Core field extraction and reconstruction** time_Beijing, k8_pod, k8_node_name, message [2025-06-05T16:10:02Z] error: db connection failed Drain extraction template Fault template matching and standardization [ISO_TIMESTAMP] error: db connection failed [2025-06-06T16:10:02Z] error: db connection failed [ISO TIMESTAMP] error: db connection failed [2025-06-06T16:11:02Z] error: db connection failed [ISO_TIMESTAMP] error: db connection failed [2025-06-06T16:12:03Z] error: file upload failed [ISO_TIMESTAMP] error: file upload failed Sample deduplication and frequency [2025-06-06T16:10:02Z] error: db connection failed [ISO_TIMESTAMP] error: db connection failed statistics occurrence count: 2 [2025-06-06T16:12:03Z] error: file upload failed [ISO_TIMESTAMP] error: file upload failed occurrence count: 1 tme_beijing, k8_node_name, k8_pod, message, occurrence_count Name mapping and name mapping & extracting pod_name from service_name service extraction

Time_Beijing, node_name, service_name, pod_name, message, occurrence