**Tracing PostgreSQL Performance & Health Marker**

PostgreSQL Database Performance and Health Indicators:

1. **Connection Statistics**: No. of active connections at a particular time.
2. **Database Size**: how the size of the database is increasing from time to time.
3. **Hit Ratio**: finding the cache hit rate
4. **Background Writer**: no. of push operations of buffers to disk are being performed in the background.
5. **Lock Statistics**: No. of locks held at a particular time.
6. **Backend Status**: such as active, idle, disabled or waiting for lock.
7. **Longest Queries**: queries that takes a lot of time to execute.
8. **WAL (Write-Ahead Logging) Files**: count of total such files generated.
9. **Table Bloat**: poor structure of table leads more storage requirements.
10. **Table Freeze Age**
11. **Waiting Time for Queries**: no. of queries that waited the most or most waiting queries.
12. **Temporary Files Generation**: queries that generate most and largest temporary files.
13. **Type of Query**: Insert/Update/Select/Delete/Alter.
14. **Error Event Handlers**: no. of error events (error, warning and fatal) generated.
15. **Index and Sequential Scans**
16. Number of **Rollback’s and Commit’s** in the database transactions.