

# Performance Monitoring SQL Server

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## 1. Open Performance Monitor

- Press Win + R, type perfmon, and hit Enter.

## 2. Create a Data Collector Set

- In the left pane, expand Data Collector Sets.
- Right-click User Defined and select New > Data Collector Set.

## 3. Name and Configure

- Enter a name for your set (e.g., "SQLServerMonitoring").
- Choose Create manually (Advanced) and click Next.

## 4. Select Data Types

- Select Performance counter and click Next.

## 5. Add Counters

- Click Add and select the counters you want to monitor (e.g., % Processor Time, SQLServer:Buffer Manager\Buffer cache hit ratio, SQLServer:Memory Manager\Total Server Memory).
- Click OK and Next.

## 6. Set Log File Type

- Choose Performance counter log as the log format (CSV or TSV are common for analysis).
- Specify the log file location and name.

## 7. Set Schedule

- Choose Start this data collector set manually or set a schedule.
- Click Next and Finish.

## 8. Start and Stop

- Right-click your Data Collector Set and select Start.
- Data will be logged continuously to the file you specified.
- To stop, right-click and select Stop.