<https://learn.microsoft.com/en-us/sql/relational-databases/performance/query-store-usage-scenarios?view=sql-server-ver16>

**Query Store Usage Scenarios**

1. [Pinpoint and fix queries with plan choice regressions](https://learn.microsoft.com/en-us/sql/relational-databases/performance/query-store-usage-scenarios?view=sql-server-ver16#pinpoint-and-fix-queries-with-plan-choice-regressions)
2. [Identify and tune top resource consuming queries](https://learn.microsoft.com/en-us/sql/relational-databases/performance/query-store-usage-scenarios?view=sql-server-ver16#identify-and-tune-top-resource-consuming-queries)
3. [A/B testing](https://learn.microsoft.com/en-us/sql/relational-databases/performance/query-store-usage-scenarios?view=sql-server-ver16#ab-testing)
4. [Keep performance stability during the upgrade to newer SQL Server](https://learn.microsoft.com/en-us/sql/relational-databases/performance/query-store-usage-scenarios?view=sql-server-ver16#CEUpgrade)
5. [Identify and improve ad hoc workloads](https://learn.microsoft.com/en-us/sql/relational-databases/performance/query-store-usage-scenarios?view=sql-server-ver16#identify-and-improve-ad-hoc-workloads)
6. [Next steps](https://learn.microsoft.com/en-us/sql/relational-databases/performance/query-store-usage-scenarios?view=sql-server-ver16#next-steps)

**Applies to:**  SQL Server 2016 (13.x) and later versions  [Azure SQL Database](https://learn.microsoft.com/en-us/sql/sql-server/sql-docs-navigation-guide?view=sql-server-ver16#applies-to)  [Azure SQL Managed Instance](https://learn.microsoft.com/en-us/sql/sql-server/sql-docs-navigation-guide?view=sql-server-ver16#applies-to)  [Azure Synapse Analytics (dedicated SQL pool only)](https://learn.microsoft.com/en-us/sql/sql-server/sql-docs-navigation-guide?view=sql-server-ver16#applies-to)  [SQL database in Microsoft Fabric](https://learn.microsoft.com/en-us/sql/sql-server/sql-docs-navigation-guide?view=sql-server-ver16#applies-to)

Query Store can be used in wide set of scenarios when tracking and ensuring predictable workload performance is critical. Here are some examples you can consider:

* Pinpoint and fix queries with plan choice regressions
* Identify and tune top resource consuming queries
* A/B testing
* Keep performance stability during the upgrade to newer SQL Server
* Identify and improve ad hoc workloads
* For more information on configuring and administering with the Query Store, see [Monitoring performance by using the Query Store](https://learn.microsoft.com/en-us/sql/relational-databases/performance/monitoring-performance-by-using-the-query-store?view=sql-server-ver16).
* For information on discovering actionable information and tune performance with the Query Store, see [Tuning performance by using the Query Store](https://learn.microsoft.com/en-us/sql/relational-databases/performance/tune-performance-with-the-query-store?view=sql-server-ver16).
* For information about operating the Query Store in Azure SQL Database, see [Operating the Query Store in Azure SQL Database](https://learn.microsoft.com/en-us/sql/relational-databases/performance/best-practice-with-the-query-store?view=sql-server-ver16#Insight).