Stored procedures:

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**What is a Stored Procedure?**

A stored procedure is nothing more than a set of Structured Query Language (SQL) statements stored in a database where it was created.

**The syntax for stored procedure is as follows:**

CREATE PROCEDURE or CREATE PROC <owner>.<procedure name>

<Parameter> <datatype> << optional

AS

<Body>

**What are system stored procedures?**

A system stored procedure is a built sproc that can be used for gathering informational activities. They begin with the prefix ( sp\_ ). Here are a few examples:

• sp\_help

• sp\_helptext

• sp\_spaceused

• sp\_who

• sp\_depends

**Naming Stored Procedure**

• Naming a stored procedure can be anything, but the recommended naming convention is to:

• Refrain from using ( sp\_ ) as the prefix, as that refers to system stored procedure

• Use something similar to usp as prefix, as this indicates that the name refers to a user defined stored procedure. Example: uspGetProductCost

• Give descriptive names so it’s easier to discern. Example: uspGetProductCost

**Creating a simple stored procedure**

CREATE PROCEDURE usp\_HR\_Department

AS

SELECT \* FROM [HumanResources].[Department]