* analysis of query plans, SQL tuning
* compression
* performance monitoring
* correlated subqueries vs joins
* recursive query performance
* Teradata load and export utilities – comparison
* user defined types
* regular expressions,
* stored procedures/macros.
* session/logging, etc. statements
* permission management
* Teradata row and column level security
* useful system tables/views
* Teradata - good practices in the design of structures, data types and query performance
* comparison of Teradata with other solutions (for example: Netezza, Exadata, Vertica)

# GETTING READY

Software to download:

* Teradata Express 16.20 VM Image.
* VMWare Workstation 15 Player.
* Teradata tools and utilities.

* **Step 1**: In VMWare Player's main window, right click on the VM name and select "Virtual Machine Settings".
* **Step 2**: In the settings window, click on "Network Adapter" and among the options on the right, select "Host-only: a private network shared with the host".
* **Step 3**: click ok.
* **BE SURE**: The VMWare Player settings ***must be*** the default. If you fooled around with the various virtual network interfaces VMWare creates during installation, this won't work.
* **Step 4**: Boot your virtual machine.

# INTRO

* System tables (videos intro en espanol).