



q Fundamentals	
Day 1	
The Basics	An introduction to q. Starting sessions, defining functions and variables etc.
Data Types and Structures	A detailed overview of all q data types and appropriate usage.
Enumeration	A detailed discussion on enumeration, when to enumerate and its consequences.
Functions	A review of stored procedures and functions. Also a description of all q key words (dev, wavg, type etc)
Loading Files	An introduction to loading files in various formats.
Execution Control	If Do While control statements.
Day 2	
IPC	A basic introduction to q inter-process communication. Opening sockets. synchron/asynchron messaging.
Tables	How to define tables and dictionaries. Describing dictionaries in terms of tables.
Keyed Tables	Detailed overview on how to extend tables to create keyed tables.
Importing data	A detailed look at importing data from CSV files and various other formats e.g. mdf files.
Basic Web Interface	A short look at the kdb+ web interface and associated functions.
Simple Queries	An introduction to SQL like kdb+ query syntax.
Day 3	
.z Library	A look at the .z library.
ODBC	A look at kdb+ in relation to ODBC.
Amend/Apply	The q operators '.' and '@' in relation to manipulating data in place.
Deferred Sync Communication	A guide to creating 'wait for response sockets' - a cross between sync and asynch communication.
Basic language Interfaces	A look at interfacing q with one or more of the standard computer languages. (Java C/C++ C#)