

Final HikaShop Database Example

Product ID	Name	Manufacturer	Image	Quantity	Price
112233	60 GB Hard Drive	Western Digital	http://sample.com/112233.jpg	12	\$65.91
998877	80 GB Hard Drive	Hitachi	http://sample.com/images/998877.jpg	66	\$95.59
074622	100 GB Hard Drive	Seagate	http://sample.com/images/074622.jpg	11	\$105.11

Name, Manufacturer, Image path, category, and all other applicable HikaShop fields (not shown in the above example) will be pulled from database *example_datasource* based off of the Manufacturer Product ID column.

The quantity and price will come from two different distributors (eventually there will be more, which means more additional work for you). All of these distributors supply methods of getting these flat files via FTP. We want to update this file automatically via a Cron job and populate either separate databases for each distributor, or different tables for each distributor. We'll let you decide whether it should be different tables or different databases.

The names of the two distributors that we will start with are *Synnex* and *Tech Data*. Please see the following slides for examples.

Tech Data Table/Database

Product ID	Quantity	Cost	Price (Cost / .88)
112233	12	\$58.00	\$65.91
998877	0	\$73.00	\$82.95
074622	14	\$93.50	\$106.25

“Price” Column will *not* be supplied by Distributor, in this example, we are using a global margin of 12%. So to calculate price, we are dividing the cost by .88.

Synnex Table/Database

Product ID	Quantity	Cost	Price (Cost / .88)
112233	18	\$64.00	\$72.73
998877	66	\$85.00	\$95.59
074622	11	\$92.50	\$105.11

Three Rules:

1. FIND the Lowest Price where Quantity > 0
2. IF Quantity of Lowest Price > 0, RETURN PRICE
 1. ELSE FIND next lowest Price (must have quantity in inventory)
3. RETURN Quantity of Lowest Price

Tech Data Table/Database

Synnex Table/Database

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Not Selected because Quantity = 0

HikaShop Product Table; Database = Joomla Install

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074622	100 GB Hard Drive	Seagate	http://sample.com/images/074622.jpg	11	\$105.11