

Deborah Sylvester

March 20, 2017
CMPT 308-111

1.) Mr Johnson, Great. I think we've got something to work with!

2)

Package ID	Tag Number	InstallDate (mmddyyyy)	SoftwareCostUSD
AC01	32808	9-13-2005	754.95
DB32	32808	12-3-2005	380.00
DB32	37691	6-15-2005	380.00
DB33	57772	5-27-2005	412.77
WP08	32808	1-12-2006	185.00
WP08	37691	6-15-2005	277.50
WP08	57222	5-27-2005	170.24
WP09	59836	10-30-2005	35.00
WP09	77740	5-27-2005	35.00

3) Primary key is a composite key of Package ID and Tag Number.

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4)

Package ID	Tag Number	InstallDate (mmddyyyy)	SoftwareCostUSD at Install Time	Software Package Name	Computer Model
AC01	32808	9-13-2005	754.95	Zork	IBM
DB32	32808	12-3-2005	380.00	Zelda	IBM
DB32	37691	6-15-2005	380.00	Zelda	Dell
DB33	57772	5-27-2005	412.77	Minecraft	Apple
WP08	32808	1-12-2006	185.00	Pac-man	IBM
WP08	37691	6-15-2005	277.50	Pac-man	Dell
WP08	57222	5-27-2005	170.24	Pac-man	Apple
WP09	59836	10-30-2005	35.00	Chess	Dell
WP09	77740	5-27-2005	35.00	Chess	Apple

5)

Package Id, Tag Number → Install Date, Software Cost, Software Package Name, Computer Model.

Package Id → Software Cost, Software Package, Computer Model

Tag Number → Install Date, Software Cost, Computer Model

6) Has multi-key dependencies.

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7)

Software

<u>Package ID</u>	SoftwareCostUSD at Install Time	Software Package Name	Computer Model
AC01	754.95	Zork	IBM
DB32	380.00	Zelda	IBM
DB32	380.00	Zelda	Dell
DB33	412.77	Minecraft	Apple
WP08	185.00	Pac-man	IBM
WP08	277.50	Pac-man	Dell
WP08	170.24	Pac-man	Apple
WP09	35.00	Chess	Dell
WP09	35.00	Chess	Apple

Package ID → Software Cost, Software package

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Hardware

Tag Number	InstallDate (mmddyyyy)	Computer Model
32808	9-13-2005	IBM
32808	12-3-2005	IBM
37691	6-15-2005	Dell
57772	5-27-2005	Apple
32808	1-12-2006	IBM
37691	6-15-2005	Dell
57222	5-27-2005	Apple
59836	10-30-2005	Dell
77740	5-27-2005	Apple

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Software Updated

Package ID	Tag Number	InstallDate (mmddyyyy)
AC01	32808	9-13-2005
DB32	32808	12-3-2005
DB32	37691	6-15-2005
DB33	57772	5-27-2005
WP08	32808	1-12-2006
WP08	37691	6-15-2005
WP08	57222	5-27-2005
WP09	59836	10-30-2005
WP09	77740	5-27-2005

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