# Missing values in work records

## Existing Table Structure

The Interval data that was given in the csv was transformed and loaded. It is now renamed to W\_SHED\_RUN\_FS. Also the Double Map work record table is named as DBMAP\_WorkRecord.

## Issue with Current Data

It is observed there are few records missing from the Work Records table that was given.

Identifying the range of data in the Workrecords table:

SELECT min(date) FROM iubus.DBMAP\_WorkRecord;

/\*'2015-01-12'\*/

SELECT max(date) FROM iubus.DBMAP\_WorkRecord;

/\*'2015-04-30'\*/

SELECT min(when\_time),max(when\_time) FROM iubus.DBMAP\_IntervalData;

/\*'2014-08-01 07:34:46', '2015-06-04 14:01:25' \*/

SELECT min(`when`),max(`when`) FROM iubus.DBMAP\_IntervalData\_Bkp;

/\* '2015-01-12 07:19:58', '2015-05-08 00:40:25' \*/

So Ideally, there should be a record for all busses that operated during the above time in the work records table.

Eg: Interval data:

SELECT \* FROM iubus.W\_SHED\_RUN\_FS where time\_day ='2015-01-13' and bus\_id=640;

# id, route\_name, route\_major, from\_id, to\_id, route\_id, bus\_id, from\_name, to\_name, dwell\_time, travel\_time, travel\_flg, timestmp, time\_day, time\_hour

6244600, A Route M-R, A , 36, 36, 354, 640, Kelley School (), Kelley School (), 22, 0, N, 2015-01-13 00:00:06, 2015-01-13, 00:00:06

6244602, A Route M-R, A , 36, 30, 354, 640, Kelley School (), Foster, 0, 47, Y, 2015-01-13 00:00:32, 2015-01-13, 00:00:32

I.e. data is there.

However the same select query at the work records returns NULL.

SELECT \* FROM iubus.DBMAP\_WorkRecord where `date`='2015-01-13' and bus=640;

Same incident for majority rows, ie,

SELECT \* FROM iubus.W\_SHED\_RUN\_FS where time\_day ='2015-02-20' and bus\_id=638; has values

SELECT \* FROM iubus.DBMAP\_WorkRecord where `date`='2015-02-20' and bus=638; has no values

This details is of paramount importance because a work record has a Schedule associated with it! And unless a connection is made to schedule, no variance can be calculated.

I.e the interval data cannot be related to the schedule data in anyway, hence no comparison can be made with the schedule data.