

Hi folks,

I have a typical HR use case with employee' job contract times (employed from till) and missing times (from till).

Thanks to intervalmatch recommendations of Henric Cronström (HIC) it was possible to solve the 1st main requirement (calculate and show only those employees which did not miss in selected month).

Now the 2nd main requirement is: taking care of weekends and public holidays to calculate how many days per month each employee

- must work
- actually worked
- actually missed.

What I managed so far:

- How many days per month an employee must work
 - Solution: all NetWorkDays of selected month – Public Holidays
- If employee did not miss in selected month (i.e. he/she missed somewhere in the past or never missed at all)
 - Solution: all NetWorkDays of selected month – Public Holidays
 - **Example_A:**
 - in this case missing days are null, which is fine

Employee	Missing from	Missing till	missed completely in selected month?	Missed days
5LyDw11P43930Db51yq	-	-	-	-

Currently my difficulty is:

- If employee has only 1 missing period in selected month
 - **Example_B:**
 - in this case missing days = 3 (because 4.01.2020 was Saturday).
 - Works fine if
 - ONLY one row with missing times per employee is available in selected month
 - And missing time period end within the 1st week

Employee	Missing from	Missing till	missed completely in selected month?	Missed days
_UfDw11P43930Db51yq	2019-12-19	2020-01-04	0	3

- If employee has more than 1 missing period in selected month (i.e. there are several rows with missing times per employee in selected month)

- **Example_C:**

Employee	Missing from	Missing till	missed completely in selected month?	Missed days
bxyCw11P43Go04051yq	2020-01-08	2020-01-08	0	-
bxyCw11P43Go04051yq	2020-01-09	2020-01-09	0	-
bxyCw11P43Go04051yq	2020-01-10	2020-01-10	0	-

- **Example_D:**

Employee	Missing from	Missing till	missed completely in selected month?	Missed days
~A37b01ToGbm06f51yq	2020-01-31	2020-01-31	0	-
~A37b01ToGbm06f51yq	2020-01-13	2020-01-15	0	-

Any help is more than appreciated.

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