

```

1 with
2     iirl as (
3         select sum(read_length) read_length, ii_seq_id seq_id
4         from read_illumina
5         group by ii_seq_id
6     ),
7     iib as (
8         select
9             ii.*,
10            (iirl.read_length * ii.filt_clusters) as bases
11         from index_illumina ii
12         join iirl on iirl.seq_id = ii.seq_id
13     ),
14     iid as (
15         select ii.seq_id, bi.date_completed
16         from index_illumina ii
17         join basecall_illumina bi
18         on ii.flow_cell_id = bi.flow_cell_id
19         and ii.lane = bi.lane
20         and (ii.index_sequence = bi.index_sequence or
21             (ii.index_sequence is null and bi.index_sequence is null))
22         and bi.date_completed is not null
23     ),
24     iim as (
25         select iid.seq_id, to_char(iid.date_completed, 'YYYY-MM') month from iid
26     ),
27     iia as (
28         select
29             ii.seq_id,
30             (case
31                 when disk_archive_id is null then 0
32                 when disk_archive_id is not null then 1 end)
33             as has_archive_id
34         from index_illumina ii
35     )
36 select

```