Query to get MySQL space

Report by Database:

```
SELECT
    IFNULL(DB,'Total') "Database",
    LPAD(CONCAT(FORMAT(DAT/POWER(1024,pw1),2),' ',
    SUBSTR(units,pw1*2+1,2)),17,' ') "Data Size",
    LPAD(CONCAT(FORMAT(NDX/POWER(1024,pw2),2),' ',
    SUBSTR(units,pw2*2+1,2)),17,' ') "Index Size",
    LPAD(CONCAT(FORMAT(TBL/POWER(1024,pw3),2),' ',
    SUBSTR(units,pw3*2+1,2)),17,' ') "Total Size"
FROM
(
    SELECT DB,DAT,NDX,TBL,
    IF(px>4,4,px) pw1,IF(py>4,4,py) pw2,IF(pz>4,4,pz) pw3
    FROM
    (SELECT *,
        FLOOR(LOG(IF(DAT=0,1,DAT))/LOG(1024)) px,
        FLOOR(LOG(IF(NDX=0,1,NDX))/LOG(1024)) py,
        FLOOR(LOG(IF(TBL=0,1,TBL))/LOG(1024)) pz
    FROM
    (SELECT
        DB,
        SUM(data_length) DAT,
        SUM(index_length) NDX,
        SUM(data_length+index_length) TBL
    FROM
    (
       SELECT table_schema DB,data_length,index_length FROM
       information_schema.tables WHERE table_schema NOT IN
       ('information_schema','performance_schema','mysql')
       AND ENGINE IS NOT NULL
    ) AAA GROUP BY DB WITH ROLLUP
) AAA) AA) A,(SELECT ' BKBMBGBTB' units) B;
```

Report by Storage Engine

```
SELECT
    IFNULL(ENGINE,'Total') "Storage Engine",
    LPAD(CONCAT(FORMAT(DAT/POWER(1024,pw1),2),' ',
    SUBSTR(units,pw1*2+1,2)),17,' ') "Data Size",
    LPAD(CONCAT(FORMAT(NDX/POWER(1024,pw2),2),' ',
    SUBSTR(units,pw2*2+1,2)),17,' ') "Index Size",
    LPAD(CONCAT(FORMAT(TBL/POWER(1024,pw3),2),' ',
    SUBSTR(units,pw3*2+1,2)),17,' ') "Total Size"
FROM
(
```

```
    SELECT ENGINE,DAT,NDX,TBL,
    IF(px>4,4,px) pw1,IF(py>4,4,py) pw2,IF(pz>4,4,pz) pw3
    FROM
    (SELECT *,
        FLOOR(LOG(IF(DAT=0,1,DAT))/LOG(1024)) px,
        FLOOR(LOG(IF(NDX=0,1,NDX))/LOG(1024)) py,
        FLOOR(LOG(IF(TBL=0,1,TBL))/LOG(1024)) pz
        FROM
        (SELECT
            ENGINE,
            SUM(data_length) DAT,
            SUM(index_length) NDX,
            SUM(data_length+index_length) TBL
        FROM
        (
           SELECT engine,data_length,index_length FROM
           information_schema.tables WHERE table_schema NOT IN
           ('information_schema','performance_schema','mysql')
           AND ENGINE IS NOT NULL
        ) AAA GROUP BY ENGINE WITH ROLLUP
) AAA ) AA) A,(SELECT ' BKBMBGBTB' units) B;
```

Report by Database / Storage Engine

```
SELECT
    IF(ISNULL(DB)+ISNULL(ENGINE)=2,'Database Total',
    CONCAT(DB,' ',IFNULL(ENGINE,'Total'))) "Reported Statistic",
    LPAD(CONCAT(FORMAT(DAT/POWER(1024,pw1),2),' ',
    SUBSTR(units,pw1*2+1,2)),17,' ') "Data Size",
    LPAD(CONCAT(FORMAT(NDX/POWER(1024,pw2),2),' ',
    SUBSTR(units,pw2*2+1,2)),17,' ') "Index Size",
    LPAD(CONCAT(FORMAT(TBL/POWER(1024,pw3),2),' ',
    SUBSTR(units,pw3*2+1,2)),17,' ') "Total Size"
FROM
(
    SELECT DB,ENGINE,DAT,NDX,TBL,
    IF(px>4,4,px) pw1,IF(py>4,4,py) pw2,IF(pz>4,4,pz) pw3
    FROM
    (SELECT *,
        FLOOR(LOG(IF(DAT=0,1,DAT))/LOG(1024)) px,
        FLOOR(LOG(IF(NDX=0,1,NDX))/LOG(1024)) py,
        FLOOR(LOG(IF(TBL=0,1,TBL))/LOG(1024)) pz
    FROM
    (SELECT
        DB,ENGINE,
        SUM(data_length) DAT,
        SUM(index_length) NDX,
        SUM(data_length+index_length) TBL
    FROM
    (
       SELECT table_schema DB,ENGINE,data_length,index_length FROM
       information_schema.tables WHERE table_schema NOT IN
```

```
        ('information_schema','performance_schema','mysql')
        AND ENGINE IS NOT NULL
    ) AAA GROUP BY DB,ENGINE WITH ROLLUP
) AAA) AA) A,(SELECT ' BKBMBGBTB' units) B;
```