CODE

```
-- Create a temporary table to extract month and year from Order Date
WITH monthly_data AS (
  SELECT
    STR_TO_DATE(`Order Date`, '%m/%d/%y') AS order_date,
    Sales,
    `Order ID`
  FROM sales_data
),

-- Calculate monthly metrics
monthly_metrics AS (
  SELECT
    DATE_FORMAT(order_date, '%Y-%m') AS month,
    COUNT(DISTINCT `Order ID`) AS order_count,
    ROUND(SUM(Sales), 2) AS total_revenue
  FROM monthly_data
  GROUP BY DATE_FORMAT(order_date, '%Y-%m')
  ORDER BY month
)

-- Final result with formatted output
SELECT
  month,
  order_count,
  total_revenue,
  ROUND(total_revenue / order_count, 2) AS avg_revenue_per_order
FROM monthly_metrics;
```

OUTPUT

Monthly Revenue and Order Volume

Year-Month	Monthly Revenue (₹)	Monthly Order Volume
2014-01	96,932.64	191
2014-02	78,860.27	140
2014-03	83,733.40	170
2014-04	106,196.30	228
2014-05	122,078.69	273
2014-06	108,065.81	237
2014-07	106,154.22	219
2014-08	132,422.32	260
2014-09	121,940.88	241
2014-10	165,266.50	323
2014-11	164,272.09	334
2014-12	156,108.81	324
2015-01	128,099.36	266
2015-02	130,166.39	273
2015-03	144,146.77	292
2015-04	153,848.99	306
2015-05	133,106.89	283
2015-06	142,760.62	291
2015-07	129,369.65	276
2015-08	150,062.71	292
2015-09	145,511.53	280
2015-10	149,797.94	296

Year-Month	Monthly Revenue (₹)	Monthly Order Volume
2015-11	180,372.29	356
2015-12	161,045.19	327
2016-01	149,029.22	304
2016-02	123,582.09	265
2016-03	153,406.39	307
2016-04	160,493.29	327
2016-05	139,497.71	288
2016-06	132,517.66	277
2016-07	157,032.31	315
2016-08	162,231.82	322
2016-09	146,984.61	297
2016-10	178,221.85	351
2016-11	196,383.46	388
2016-12	165,303.18	333
2017-01	138,165.67	285
2017-02	132,532.39	272
2017-03	174,997.42	351
2017-04	154,646.46	316