

```

function CollectionsData() {
  var projectId = 'finance-data-prod';
  var query = `
SELECT c.loan_id,
       c.customer_id,
       c.loan_status,
       c.loan_type,
       c.repayment_date,
       c.total_amount_repaid,
       c.region,
       c.mobile_money_amount,
       c.funded_date,
       c.due_date,
       d.customer_name
FROM   `credit_analytics.collection_summary` AS c
LEFT JOIN `credit_analytics.disbursement_records` AS d
ON d.loan_id = c.loan_id
WHERE  c.region = 'UG'
      AND EXTRACT(MONTH FROM c.repayment_date) = 04
      AND EXTRACT(YEAR FROM c.repayment_date) = 2025
ORDER BY c.repayment_date DESC`;
  var spreadsheetId = '1A2bC3dEFGhI4JKlMnOpQrSTUvwxYz56789abcdEFGHiJ';
  var sheetName = 'April_2025_Collections';
  var request = {
    query: query,
    useLegacySql: false
  };
  var queryJob = BigQuery.Jobs.query(request, projectId);
  var jobId = queryJob.jobReference.jobId;
  var queryResults;
  var timeout = 10;
  while (timeout > 0) {
    queryResults = BigQuery.Jobs.getQueryResults(projectId, jobId);
    if (queryResults.jobComplete) {
      break;
    }
    Utilities.sleep(2000);
    timeout--;
  }
}

```

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if (!queryResults.jobComplete) {
    Logger.log("BigQuery job did not complete in time.");
    return;
}
var rows = queryResults.rows;
if (!rows || rows.length === 0) {
    Logger.log("No data returned from BigQuery.");
    return;
}
var sheet =
SpreadsheetApp.openById(spreadsheetId).getSheetByName(sheetName);
if (!sheet) {
    sheet = SpreadsheetApp.openById(spreadsheetId).insertSheet(sheetName);
}
sheet.clear();
var headers = queryResults.schema.fields.map(field => field.name);
var data = [headers];
rows.forEach(row => {
    data.push(row.f.map(cell => cell.v));
});
sheet.getRange(1, 1, data.length, data[0].length).setValues(data);
Logger.log("Data successfully written to " + sheetName);
}
```