function main() {

let ss = SpreadsheetApp.openByUrl('https://docs.google.com/test'); // enter the URL of your sheet between the ''

// define commonly used query elements. wrap with spaces for safety

let segDate = ' segments.date ';

let title = ' segments.product\_title ';

let id = ' segments.product\_item\_id ';

let name = ' campaign.name ';

let impr = ' metrics.impressions ';

let clicks = ' metrics.clicks ';

let cost = ' metrics.cost\_micros ';

let conv = ' metrics.conversions ';

let value = ' metrics.conversions\_value ';

let views = ' metrics.video\_views ';

let cpv = ' metrics.average\_cpv ';

let cType = ' campaign.advertising\_channel\_type ';

let agStrength = ' asset\_group.ad\_strength ';

let agStatus = ' asset\_group.status ';

let agName = ' asset\_group.name ';

let lgName = ' asset\_group\_listing\_group\_filter.case\_value.product\_custom\_attribute.value ';

let lgType = ' asset\_group\_listing\_group\_filter.type ';

let pMaxOnly = ' AND campaign.advertising\_channel\_type = "PERFORMANCE\_MAX" ';

let date30 = ' segments.date DURING LAST\_30\_DAYS ';

let agFilter = ' asset\_group\_listing\_group\_filter.type != "SUBDIVISION" ';

let order = ' ORDER BY campaign.name ';

let cd = [segDate, name, cost, conv, value, views, cpv, impr, cType]

let campQuery = 'SELECT ' + cd.join(',') +

' FROM campaign ' +

' WHERE ' + date30 + pMaxOnly + order ;

let p = [name, title, cost, conv, value, impr, cType]

let pQuery = 'SELECT ' + p.join(',') +

' FROM shopping\_performance\_view ' +

' WHERE ' + date30 + pMaxOnly + order ;

let ag = [segDate, name, agName, agStrength, agStatus, lgName, lgType, impr, clicks, cost, conv, value]

let agQuery = 'SELECT ' + ag.join(',') +

' FROM asset\_group\_product\_group\_view ' +

' WHERE ' + date30 + ' AND ' + agFilter

runReport(campQuery, ss.getSheetByName('raw\_campaigns'));

runReport(pQuery, ss.getSheetByName('raw\_products\_tot'));

runReport(agQuery, ss.getSheetByName('raw\_asset\_groups'));

}

function runReport(q,sh) {

const report = AdsApp.report(q);

report.exportToSheet(sh);

}