/* ACTORS */
CLASS
movie_acting_roles

FIELDS
       movie.display_name,
       production_year,
       movie_creative_type_display_name,
       movie_genre_display_name,
       movie_financial_summary.production_budget as production_budget,
       movie_financial_summary.domestic_box_office as domestic_box_office,
       movie_financial_summary.international_box_office as international_box_office,
       IFNULL(movie_financial_summary.international_box_office + movie_financial_summary.domestic_box_office,
       movie_financial_summary.domestic_box_office) as $_total_box_office,
       person_display_name,
       movie_acting_role_type_display_name,
       movie_acting_role_billing,
       work_franchise.display_name as franchise_name,
       movie_release_pattern.display_name,
       movie.running_time as run_time

FILTER
       production_year > '2010' AND
       production_year < '2014' AND
       movie_financial_summary.production_budget > '1000000' AND
       domestic_box_office > 10000 AND
       movie_acting_role_billing < 3

ORDER BY
       movie.display_name ASC,
       movie_acting_role_billing ASC

/* PROFITABILITY FOR ACTORS*/
CLASS
movie_acting_roles

FIELDS
       movie_acting_role.display_name,
       count(movie_acting_role.display_name) as num_movies,
       sum(movie_financial_summary.production_budget) as total_budget,
       sum(movie_financial_summary.domestic_box_office) as domestic_box_office,
       sum(movie_financial_summary.international_box_office) as international_box_office,
       sum(movie_financial_summary.domestic_box_office) + sum(movie_financial_summary.international_box_office) as
$_total_box_office,
       cast(((sum(movie_financial_summary.domestic_box_office) +
sum(movie_financial_summary.international_box_office) - sum(movie_financial_summary.production_budget)) /
count(movie_acting_role.display_name)) as decimal(12,2)) as profitability

FILTER
       production_year > '2010' AND
       production_year < '2014' AND
       movie_financial_summary.production_budget > '1000000' AND
       domestic_box_office > 10000 AND
       movie_acting_role_billing < 3 AND
       (movie_acting_role.display_name='Mark Wahlberg' OR movie_acting_role.display_name='Joseph Gordon-Levitt')

GROUP BY
       movie_acting_role.display_name

/* DIRECTORS */

CLASS
movie_technical_roles

FIELDS
        movie.display_name,
        production_year,
        movie_creative_type_display_name,
        movie_genre_display_name,
        movie_financial_summary.production_budget as production_budget,
        movie_financial_summary.domestic_box_office as domestic_box_office,
        movie_financial_summary.international_box_office as international_box_office,
        IFNULL(movie_financial_summary.international_box_office + movie_financial_summary.domestic_box_office,
        movie_financial_summary.domestic_box_office) as $_total_box_office,
        person_display_name,
        movie_technical_role_type.display_name,
        work_franchise.display_name as franchise_name,
        movie_release_pattern.display_name,
        movie.running_time as run_time

FILTER
        production_year > '2010' AND
        production_year < '2014' AND
        movie_financial_summary.production_budget > '1000000' AND
        domestic_box_office > 10000 AND
        movie_technical_role_type.display_name='Director'

ORDER BY
        movie.display_name ASC,
        movie_acting_role_billing ASC

/* PROFITABILITY FOR DIRECTORS */

CLASS
movie_technical_roles

FIELDS
        movie_technical_role.display_name,
        count(movie_technical_role.display_name) as num_movies,
        sum(movie_financial_summary.production_budget) as total_budget,
        sum(movie_financial_summary.domestic_box_office) as domestic_box_office,
        sum(movie_financial_summary.international_box_office) as international_box_office,
        sum(movie_financial_summary.domestic_box_office + movie_financial_summary.international_box_office) as
$_total_box_office,
        (cast((sum(movie_financial_summary.domestic_box_office) +
sum(movie_financial_summary.international_box_office) - sum(movie_financial_summary.production_budget)) /
count(movie_technical_role.display_name)as decimal(12,2))) as profitability

FILTER
        production_year > '2010' AND
        production_year < '2014' AND
        movie_financial_summary.production_budget > '1000000' AND
        domestic_box_office > 10000 AND
        movie_technical_role_type.display_name='Director' AND
        (movie_technical_role.display_name='Tom Tykwer' OR movie_technical_role.display_name='Jonathan Levine')

GROUP BY
        movie_technical_role.display_name

/* GENRE COUNT */

CLASS
movies

FIELDS
       movie_genre.display_name,
       count(movie_genre.display_name) as total

       FILTER
       production_year > '2010' AND
       production_year < '2014' AND
       movie_financial_summary.production_budget > '1000000' AND
       domestic_box_office > 10000

ORDER BY
       count(movie_genre.display_name) DESC

GROUP BY
       movie_genre.od_name