Column_name	Column_type	Data_type	Description
subscription_id	Identifier	character	Unique identifier of each subscription
observation_dt	Identifier	date	The date on which the subscription was observed to calculate the features in the dataset. It was chosen at random amongst all the dates between the start of the subscription and the end of the subscription (before cancellation)
is_retained	Target	Integer	0 = the learner cancelled their subscription before next payment, 1 = the learner made an additional payment in this subscription
specialization_id	Feature - Specialization Info	character	Unique identifier of a specialization (each subscription gives a learner access to a particular specialization)
cnt_courses_in_specialization	Feature - Specialization Info	integer	number of courses in the specialization
specialization_domain	Feature - Specialization Info	character	primary domain of the specialization (Computer Science, Data Science, etc.)
is_professional_certificate	Feature - Specialization Info	boolean	BOOLEAN for whether the specialization is a "professional certicate" (a special type of specialization that awards completers with an industry-sponsored credential)
is_gateway_certificate	Feature - Specialization Info	boolean	BOOLEAN for whether the specialization is a "gateway certificate" (a special type of specialization geared towards learners starting in a new field)
learner_days_since_registration	Feature - Learner Info	integer	Days from coursera registration date to the date on which the observation is made
learner_country_group	Feature - Learner Info	character	the region of the world that the learner is from (United States, East Asia, etc.)
learner_gender	Feature - Learner Info	character	the reported gender of the learner (if not available, then "unknown")
learner_cnt_other_courses_active	Feature - Learner Info	integer	Other courses (not in this specialization) in which the learner was active prior to observation_dt
learner_cnt_other_courses_paid_active	Feature - Learner Info	integer	Other courses (not in this specialization) in which the learner was active prior to observation_dt and was a paid enrollee
learner_cnt_other_courses_items_completed	Feature - Learner Info	integer	Items completed in other courses (not in this specialization) prior to the observation_dt
learner_cnt_other_courses_paid_items_completed	Feature - Learner Info	integer	Items completed in other courses (not in this specialization) prior to the observation_dt, where the learner was a paid enrollee
learner_cnt_other_transactions_past	Feature - Learner Info	integer	Other payments that the learner made on Coursera separate from this subscription
learner_other_revenue	Feature - Learner Info	numeric	US Dollar estimate of other payments that the learner made on Coursera separate from this subscription
subscription_period_order	Feature - Subscription Status	integer	An index of the "month" of the subcription; 1 = first month of payment, 2 = second month of payment
days_since_last_payment	Feature - Subscription Status	integer	Days since the last payment in the subscription
days_til_next_payment_due	Feature - Subscription Status	integer	Days until the next payment in the subcription is due
cnt_enrollments_started_before_payment_period	Feature - Prior Subscription Activity	integer	Courses in the subscription specialization that were enrolled prior to the start of this subscription period
cnt_enrollments_completed_before_payment_period	Feature - Prior Subscription Activity	integer	Courses in the subscription specialization that were completed prior to the start of this subscription period
cnt_enrollments_active_before_payment_period	Feature - Prior Subscription Activity	integer	Courses in the subscription specialization that were active prior to the start of this subscription period
cnt_items_completed_before_payment_period	Feature - Prior Subscription Activity	integer	Items in the subscription specialization that were completed prior to the start of the subscription period
cnt_graded_items_completed_before_payment_period	Feature - Prior Subscription Activity	integer	Graded items (assignments) in the subscription specialzation that were completed prior to the start of the subscription period
is_subscription_started_with_free_trial	Feature - Prior Subscription Activity	boolean	BOOLEAN for whether or not the subscription started with a free trial (7-day period for the learner to sample the specialization before paying)
cnt_enrollments_started_during_payment_period	Feature - Current Subscription Activity	integer	Courses in the subscription specialization that were enrolled during this subscription period (before observation_dt)
cnt_enrollments_completed_during_payment_period	Feature - Current Subscription Activity	integer	Courses in the subscription specialization that were completed during this subscription period (before observation_dt)
cnt_enrollments_active_during_payment_period	Feature - Current Subscription Activity	integer	Courses in the subscription specialization that were active during this subscription period (before observation_dt)
cnt_items_completed_during_payment_period	Feature - Current Subscription Activity	integer	Items in the subscription specialization that were completed during this subscription period (before observation_dt)
cnt_graded_items_completed_during_payment_period	Feature - Current Subscription Activity	integer	Graded items (assignments) in the subscription specialzation that were completed during this subscription period (before observation_dt)
is_active_capstone_during_pay_period	Feature - Current Subscription Activity	boolean	BOOLEAN for whether the learner was active in a capstone course during this subscription period. The last course in some specializations is called a "captone" course as allows the learner to apply the skills they have learned in the prior courses up to that point.
sum_hours_learning_before_payment_period	Feature - Current Subscription Activity	numeric	Hours spent learning in subscription specialization courses prior to the subscription period
sum_hours_learning_during_payment_period	Feature - Current Subscription Activity	numeric	Hours spent learning in subscription specialization courses during the subscription period (before observation_dt)
cnt_days_active_before_payment_period	Feature - Current Subscription Activity	integer	Days active in the subscription specialization prior to the subscription period
cnt_days_active_during_payment_period	Feature - Current Subscription Activity	integer	Days active thus far in the subscription period (before observation_dt)
cnt_days_since_last_activity	Feature - Current Subscription Activity	integer	Days since the most recent activity date in the subscription (if never active, defaults to the number of days since the start of the subscription)