

US production model feature importance - Top 20 features

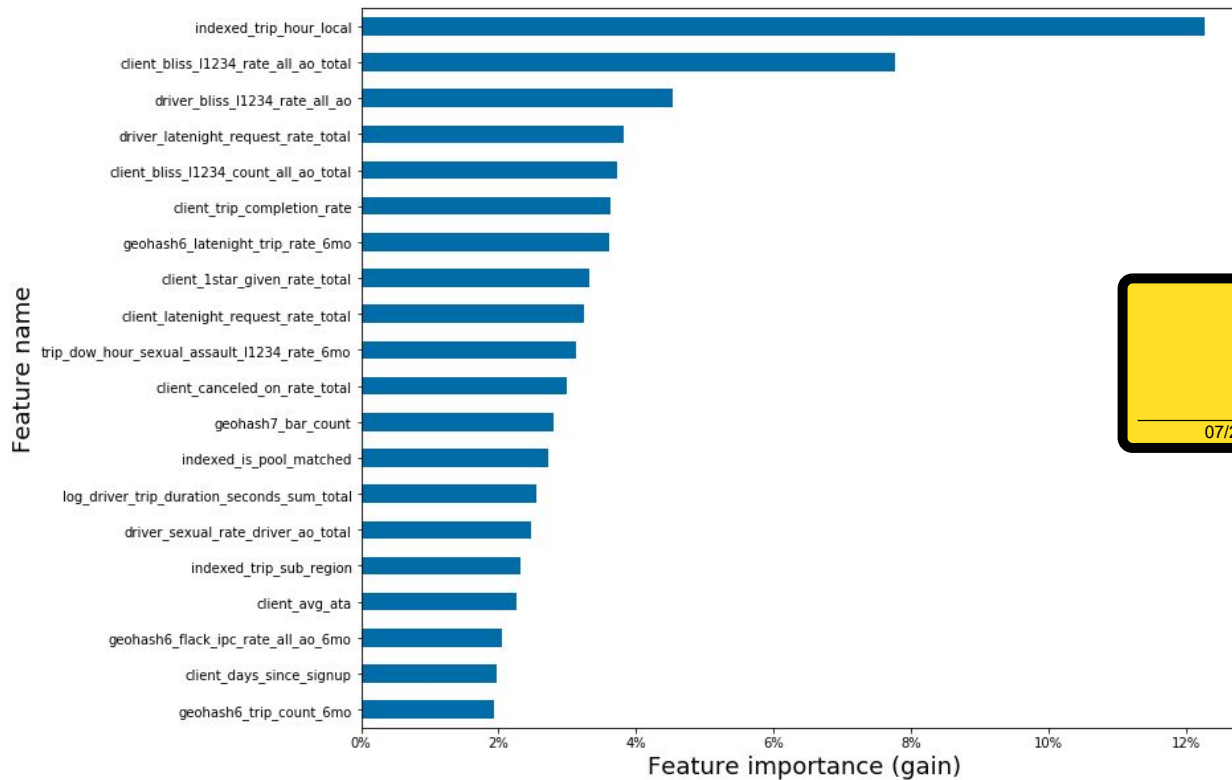


EXHIBIT
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P-01682

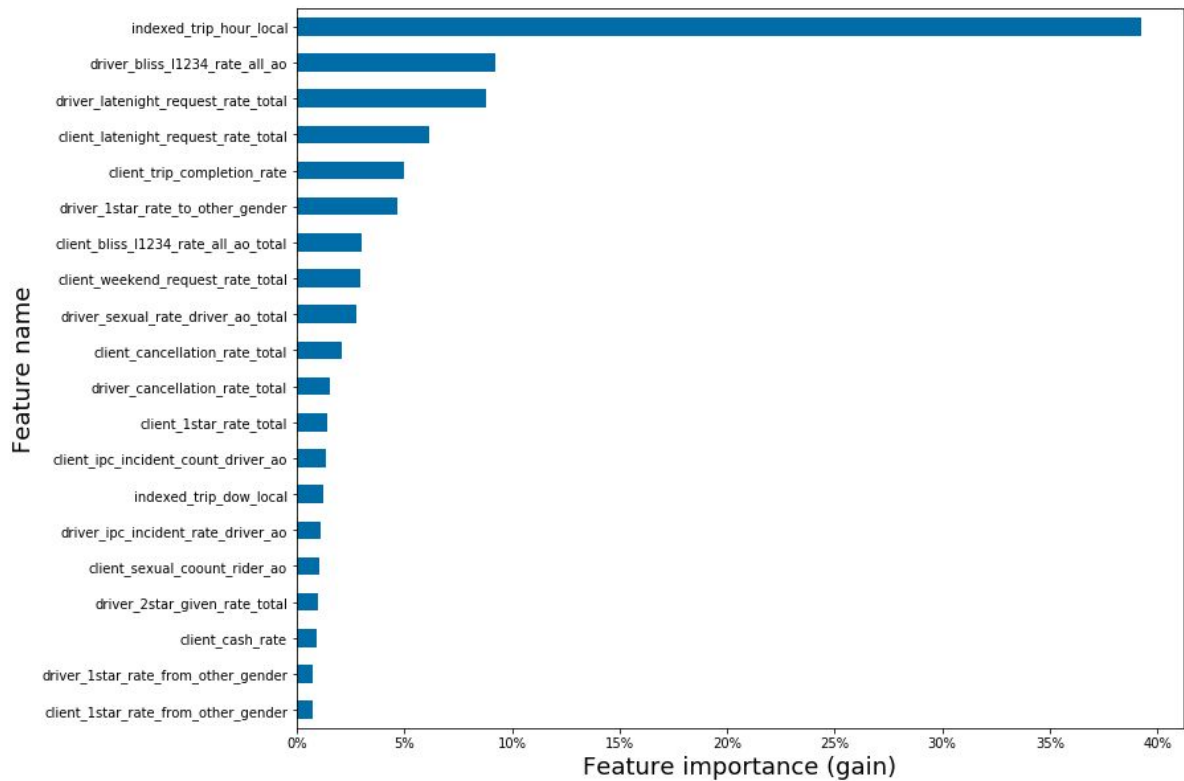
US model features

city_sexual_assault_l1234_rate_6mo: # jira reported sexuals assaults in previous 6 month / # trips (based on city_id)
client_1star_rate_total: # 1 star ratings received / # star ratings received (based on client_uuid)
client_2star_rate_total: # 2 star ratings received / # star ratings received (based on client_uuid)
client_1star_given_rate_total: # 1 star ratings given / # star ratings given (based on client_uuid)
client_2star_given_rate_total: # 2 star ratings given / # star ratings given (based on client_uuid)
client_bliss_l1234_count_all_ao_total: # all level bliss contacts (based on client_uuid)
client_bliss_l1234_rate_all_ao_total: # all level bliss contacts / # lifetime trips (based on client_uuid)
client_canceled_on_rate_total: # requests rider cancelled on / # completed trips (based on client_uuid)
client_cancellation_rate_total: # rider cancellations / # completed trips (based on client_uuid)
client_cash_rate: # trips with cash payment / # completed trips (based on client_uuid)
client_first_token_type: Identifier of first payment type (based on client_uuid)
client_latenight_request_rate_total: # late night requests / # completed trips (based on client_uuid)
client_trip_completion_rate: # completed trips / # requests (based on client_uuid)
client_weekend_request_rate_total: # weekend requests / # completed trips (based on client_uuid)
driver_1star_rate_total: # 1 star ratings received / # star ratings received (based on driver_uuid)
driver_2star_rate_total: # 2 star ratings received / # star ratings received (based on driver_uuid)
driver_1star_given_rate_total: # 1 star ratings given / # star ratings given (based on driver_uuid)
driver_2star_given_rate_total: # 2 star ratings given / # star ratings given (based on driver_uuid)
driver_bliss_l1234_rate_all_ao: # all level bliss contacts / # lifetime trips (based on driver_uuid)
driver_canceled_on_rate_total: # requests driver cancelled on / # completed trips (based on driver_uuid)
driver_ipc_incident_rate_driver_ao: # reported IPC incidents / # completed trips (based on driver_uuid)
driver_latenight_request_rate_total: # late night requests / # completed trips (based on driver_uuid)
driver_sexual_rate_driver_ao_total: # reported sexual IPC incidents / # lifetime trips (based on driver_uuid)
driver_weekend_request_rate_total: # weekend requests / # completed trips (based on driver_uuid)

US model features (cont.)

geohash6_cash_trip_rate_6mo: # cash trips / # trips (based on geohash6 of trip begin)
geohash6_flack_ipc_rate_all_ao_6mo: # reported Flack IPC / # trips (based on geohash6 of trip begin)
geohash6_latenight_trip_rate_6mo: # late night trips / # trips (based on geohash6 of trip begin)
geohash6_log_trip_count_6mo: # trips (based on geohash6 of trip begin)
log_client_ltd_completed_count: # lifetime trips (based on client_uuid)
log_driver_lifetime_trip_count: # lifetime trips (based on driver_uuid)
log_driver_trip_duration_seconds_sum_total: # total seconds on trip (based on driver_uuid)
trip_country_id: Trip country
trip_dow_local: Trip day of week (based on local time)
trip_global_product_name: Identifier of global product name of trip
trip_hour_local: Trip hour of day (based on local time)
trip_sub_region: Trip subregion
log_city_trip_count_6mo: # of trips in previous 6 months (based on city_id)
client_confirmed_mobile: Has the mobile device been confirmed (based on client_uuid)
client_days_since_signup: # days since sign up (based on client_uuid)
client_request_to_begin_distance_miles_sum_total: # total miles between trip request and trip begin (based on client_uuid)
geohash6_client_1star_rate_6mo: # rider received 1 star ratings in previous 6 months / # rider star ratings in previous 6 months (based on geohash6 of trip begin)
geohash6_driver_cancellation_rate_6mo: # driver cancellations in previous 6 months / # trips in previous 6 months (based on geohash6 of trip begin)
geohash6_jira_sexual_rate_all_ao_6mo: # reported jira sexual IPC incidents in previous 6 months / # trips in previous 6 months (based on geohash6 of trip begin)
geohash6_trip_count_6mo: # trips in previous 6 months (based on geohash6 of trip begin)
is_pool_matched: Is the trip pool matched?
trip_dow_hour_sexual_assault_I1234_rate_6mo: # jira sexual assault incidents in previous 6 months / # trips (based on city_id and trip hour)
client_avg_ata: average actual time of arrival (based on client_uuid)
geohash7_bar_count: # identified bars (based on request geohash7)
geohash7_restaurant_count: # identified restaurants (based on request geohash7)

LatAm production model feature importance - Top 20 features



P-01682.00004

LatAm model features

driver_rider_different_gender: Are inferred genders of rider and driver different?

log_client_ltd_completed_count: # lifetime completed trips (based on client_uuid)

client_1star_rate_to_other_gender: # 1 star ratings to opposite inferred gender / # star ratings given to opp infer gender (based on client_uuid)

client_1star_rate_from_other_gender: # 1 star ratings from opp infer gender / # star ratings from opp infer gender (based on client_uuid)

driver_1star_rate_from_other_gender: # 1 star ratings from opp infer gender / # star ratings given from opp infer gender (based on driver_uuid)

driver_1star_rate_to_other_gender: # 1 star ratings to opp infer gender / # star ratings to opp infer gender (based on driver_uuid)

client_1star_rate_total: # 1 star ratings received / # star ratings received (based on client_uuid)

client_bliss_l1234_rate_all_ao_total: # all level bliss contacts / # lifetime trips (based on client_uuid)

client_bliss_l1234_count_all_ao_total: # all level bliss contacts (based on client_uuid)

client_cancellation_rate_total: # rider cancellations / # rider completed trips (based on client_uuid)

client_canceled_on_rate_total: # driver cancellations / # rider completed trips (based on client_uuid)

client_latenight_request_rate_total: # late night requests / # completed trips (based on client_uuid)

client_weekend_request_rate_total: # weekend requests / # completed trips (based on client_uuid)

client_trip_completion_rate: # completed trips / # requests (based on client_uuid)

client_cash_rate: # trips with cash as payment / # completed trips (based on client_uuid)

client_first_token_type: Identifier of first payment type (based on client_uuid)

client_signup_dow: Day of week when user signed up (based on client_uuid)

client_signup_hour: Hour of day when user signed up (based on client_uuid)

driver_1star_rate_total: # 1 star ratings received / # star ratings received (based on driver_uuid)

driver_sexual_rate_driver_ao_total: # reported sexual IPC incidents / # lifetime trips (based on driver_uuid)

driver_ipc_incident_rate_driver_ao: # reported IPC incidents / # lifetime trips (based on driver_uuid)

driver_bliss_l1234_rate_all_ao: # all level bliss contacts / # lifetime trips (based on driver_uuid)

log_driver_lifetime_trip_count: # lifetime trips (based on driver_uuid)

LatAm model features (cont.)

driver_canceled_on_rate_total: # rider cancellations / # driver completed trips (based on driver_uid)
driver_cancellation_rate_total: # driver cancellations / # driver completed trips (based on driver_uid)
driver_latenight_request_rate_total: # late night requests / # driver completed trips (based on driver_uid)
driver_weekend_request_rate_total: # weekend requests / # driver completed trips (based on driver_uid)
log_driver_trip_duration_seconds_sum_total: # seconds on trip (based on driver_uid)
geohash6_log_trip_count_6mo: # of trips in previous 6 months (based on begin trip geohash6)
geohash6_cash_trip_rate_6mo: # trips with cash payment in previous 6 months / # trips in previous 6 months (based on begin trip geohash6)
geohash6_latenight_trip_rate_6mo: # late night trips in previous 6 months / # trips in previous 6 months (based on begin trip geohash6)
geohash6_flack_ipc_rate_all_ao_6mo: # flack reported IPCs in previous 6 months / # trips in previous 6 months (based on begin trip geohash6)
trip_global_product_name: Identifier of global product name of trip
trip_sub_region: Subregion of trip
trip_country_id: Country ID of trip
city_sexual_assault_l1234_rate_6mo: # reported sexual assault incidents in previous 6 months / # trips in previous 6 months (based on city_id)
trip_hour_local: Hour of trip in local time
trip_dow_local: Day of week of trip in local time
client_2star_rate_total: # 2 star ratings received / # star ratings received (based on client_uid)
client_2star_given_rate_total: # 2 star ratings given / # star ratings given (based on client_uid)
driver_2star_rate_total: # 2 star ratings received / # star ratings received (based on driver_uid)
driver_2star_given_rate_total: # 2 star ratings given / # star ratings given (based on driver_uid)
client_ipc_incident_count_rider_ao: # driver reported IPC incidents (based on client_uid)
client_sexual_coount_rider_ao: # driver reported sexual IPC incidents (based on client_uid)
client_ipc_incident_count_driver_ao: # rider reported IPC incidents (based on client_uid)
client_sexual_coount_driver_ao: # rider reported sexual IPC incidents (based on client_uid)