	hiperparametros	features	cantidad de datos	auc	kagala			
	niperparametros (criterion= 'friedman mse'.	leatures	cantidad de datos	auc	kaggle			
gradient boosting	(criterion= medinan_mse', learning_rate=0.05, loss= 'deviance', max_depth= 0.5, max_depth= 0.3, max_features=10.2, min_samples_leaf=0.1363636363636363638, min_samples_split=0.1, n_estimators=10, subsample=0.95)	cant_seciones', 'event_checkout', 'event_conversion',	980 negativos y 980 postivos	0,8796313	0,8046			
gradient boosting	(criterion= 'mae', learning_rate= 0.05, loss= 'devience', max_depth= 3, max_leatures= log2', min_samples_leaf= 0.136363636363638, min_samples_spil=0.427272727272736, n_estimators= 10, subsample= 0.9)	cant_seciones', 'event_checkout', 'event_conversion', 'event_ad campaign hit, 'event_lead', 'skus', 'Busca_terminos_populares', 'Computer, 'Smartphone', 'otros',Partes del dia	980 negativos y 980 postivos	0,8561329966	0,80181			
gradient boosting	criterion= 'mae', learning_rate= 0.1, loss= 'deviance', max_depth= 3, max_features= 'sqrt', min_samples_split= 0.1, min_samples_split= 0.20909090909091, n_estimators= 10, subsample= 1.0	cant_seciones', 'event_checkout', 'event_conversion', "event_ad campaign hit', 'event_lead', 'skus', "Busca_terminos_populares', 'Computer', 'Smartphone', 'otros', "marca_apple', 'marca_motorola', 'marca_samsung', 'condition_Bom', "condition_Bom - Sem Touch ID', 'condition_Excelente', "condition_Muito Bom', "condition_Muito Bom',	980 negativos y 980 postivos	0,8754914469	0,80975			
	bootstrap= False, max_depth= 10, max_leatures = 'sqrt', min_samples_leaf= 2, min samples split= 2,	cant_seciones', 'event_checkout', 'event_conversion', 'event_ad campaign hit', 'skus', 'Busca_terminos_populares', 'Computer', 'Smartphone', 'marca_apple,' 'marca_motorola', 'marca_samsung						
	n_estimators= 555 bootstrap= False, max_depth= 10, max_features = 'sqrt', min_samples_leaf= 2,	cant_seciones', 'event_checkout', 'event_conversion', "event_ad campaign hit', 'skus', 'Busca_terminos_populares', 'Computer', "smartphone, 'marca_apple', 'marca_motorola', 'marca_samsung', "condition_Bom', condition_Bom - Sem Touch ItD', 'condition_Excelente',	980 negativos y 980 positivos	0,860000	0,8185			
	min_samples_split= 2, n_estimators= 555 bootstrap= True, max_depth= None, max_features = 'auto', min_samples_leaf=4, min_samples_split= 2, n_estimators= 288	'condition, Mulio Bom' cant_seciones', 'event_checkout', 'event_conversion', event_ad campaign hir', 'skus', 'Busca_terminos_populares', 'Computer', Smartphone', marca_apple', 'marca_motorola', 'marca_samsung', condition_Bom', 'complion_Bom', 'Sem Prouch I'D', 'condition_Excelente', 'condition, Mulio Bom', 'campaign_source_google', 'campaign_source_criteo', 'campaign_source_thouse'		0,875790871456				
Random forest	clf = GradientBoostingClassifier(criterion= 'mae', learning_rate= 0.1, loss= 'deviance', max_depth = 3, max_features= 'sqrt', min_samples_leaf = 0.1, min_samples_split= 0.20909090909091, n_estimators= 10,	cant_seciones', 'event_checkout', 'event_conversion', 'Computer',		0,8800479 0,8831723	0.80062000			
gradient boosting	subsample= 1.0) bootstrap= True, max_depth= 10, max_feature= = 'auto', min_samples_leaf=4, min_samples_split= 5, n_estimators= 1000	'Smartphone', 'ventas_region' cant_seciones', 'event_checkout', 'event_conversion', 'Computer', 'Smartphone', 'ventas_region'		0,88582	0,80062000			
MPLclassifier	activation= "logistic', alpha= 0.001, solver= "lbfgs',hidden_layer_sizes= (41, 16))	cant_seciones', 'event_checkout', 'event_conversion', 'Computer', 'Smartphone', 'ventas_region'		0,8900	0,83716			
	colsample_bylevel= 0.2, colsample_bytree= 0.8, gamma = 0.3, learning_rate = 0.025, max_depth = 8, min_child_weight = 7, n_estimators = 200,	cant_seciones', 'event_checkout', 'event_conversion', 'Computer', 'Smartphone', 'campaign_source_google', 'campaign_source_criteo', 'campaign_source_tribhouse', 'ventas_region', 'count_activity', 'conversiones_1falsatdays', 'checkout_15lasatdays', 'venew_15lasatdays', 'venew_15l						
XGBoosting gradient boosting	silent = True subsample': 1.0,	'new_15lastdays' event_checkout','Computer',"event_conversion', ventas_region'		0,89158226 0.8753482438 097222	0,84229 0.79035			
	n_estimators': 10,							
	min_samples_split': 0.20909090909091,							
	min_samples_leaf: 0.1,							
	max_features': 'sqrt',							
	max_teatures: 'sqrt', max_depth': 3, loss': 'deviance',							

	learning_rate': 0.1,		
	criterion': 'mae'		
radiant baarting		idem sin normalizar	0.868409404535 0.80624
gradient boosting	GradientBoostingClassifier(criterion= 'mae',	idem sin normalizar	0.0064094040505 0.00024
	learning_rate= 0.075,		
	loss= 'deviance',		
	max_depth = 5,		
	max_features= 'log2',		
	min_samples_leaf = 0.13636363636363638,		
	min_samples_split= 0.13636363636363638,		
	n estimators= 10,		
	subsample= 0.95)		
			0.8031280773
Decision Tree	default	idem	909510 0.75570
500000111100	Colduit	isom	0.84994
			34
kgboost	clf =XGBClassifier(Index(['cant_seciones', 'event_checkout', 'event_conversion', 'Computer',	88.787.200.249.\$
	colsample_bylevel= 0.6,	Smartphone', 'marca_apple', 'marca_samsung', 'campaign_source_google',	
	colsample_bytree= 0.6,	campaign_source_criteo', 'campaign_source_rtbhouse', 'ventas_region',	
	gamma = 0.8,	count_activity', 'conversiones_15lastdays', 'checkout_15lastdays',	
	learning_rate = 0.05,	viewed_15lastday', 'new_15lastdays', 'sku',	
	max_depth = 2,	cantidad_De_Compras_De_Mismo_Sku'],	
	min_child_weight = 4,		
	n_estimators = 700,		
	silent = True		
)		
random forest	clf = RandomForestClassifier(bootstrap= True,	Index(['cant_seciones', 'event_checkout', 'event_conversion',	89.442.028.796.8 86.254
	max_depth= 10,	Busca_terminos_populares', 'Computer', 'Smartphone', 'count_activity',	
	= -		
	max_features = 'auto',	conversiones_15lastdays', 'checkout_15lastdays', 'viewed_15lastday',	
	min_samples_leaf=4,	new_15lastdays', 'sku', 'cantidad_De_Compras_De_Mismo_Sku',	
	min_samples_split= 5,	search_and_purchase', 'cantidadDeStaticPage', 'label'],	
	n_estimators= 1000)	dtype='object')	
mean		los mismos que el anterior	
			89,6 86,4
Redes neuronale	es	mismos features	0,91 0,5
Mean	Hiper parametros de xgboost	Index(['cant_seciones', 'event_checkout', 'event_conversion',	88.457.833.207.4 86.1
	{'silent': True,	screen_resolution_A', 'screen_resolution_B', 'screen_resolution_C',	
	n_estimators': 150,	Busca_terminos_populares', 'Computer', 'Smartphone', 'ventas_region',	
	min_child_weight': 6,	count_activity', 'conversiones_15lastdays', 'checkout_15lastdays',	
	max_depth': 2,	viewed_15lastday', 'color_Preto', 'color_Dourado', 'color_Branco',	
	learning_rate': 0.15,	color_Cinza espacial', 'new_15lastdays', 'sku',	
	gamma': 0.8,	cantidad_De_Compras_De_Mismo_Sku', 'search_and_purchase',	
	colsample_bytree': 0.2,	cantidadDeStaticPage', 'label'],	
	colsample_bylevel': 0.8}	dtype='object')	
	clf =XGBClassifier(
	colsample_bylevel= 0.6,		
	colsample_bytree= 0.6,		
	gamma = 0.5, learning_rate = 0.075,		
	max_depth = 3,		
	min_child_weight = 5,	['cant_seciones', 'event_checkout', 'event_conversion', 'Computer',	
	n_estimators = 50, silent =True,	'ventas_region', 'count_activity', 'checkout_15lastdays', 'viewed_15lastday', 'checkout_lastmonth', 'label', 'prob_marca',	
Xgboost	subsample = 0.8	'prob_model', 'prob_marca_checkout'	0,886482672
J	,	, <u></u>	
	{'n_estimators': 641,	Index(['skus', 'Busca_terminos_populares', 'Computer', 'checkout_15lastdays',	
	'min_samples_split': 10,	'viewed_15lastday', 'new_15lastdays', 'sku',	
	'min_samples_leaf': 1, 'max_features': 'sqrt',	'cantidad_De_Compras_De_Mismo_Sku', 'label', 'prob_marca', 'prob_model', 'prob_marca_checkout', 'prob_marca_en_base_checkout',	
	'max depth': 43,	'prob_model_en_base_checkout'],	
Random Forest	'bootstrap': True}	dtype='object')	88.762.465.175.6 85.791
		Index(['skus', 'Busca_terminos_populares', 'Computer',	
	{'n_estimators': 917,	'conversiones_15lastdays', 'checkout_15lastdays', 'viewed_15lastday',	
	'min_samples_split': 10,	'color_Cinza espacial', 'new_15lastdays', 'sku',	
	'min_samples_leaf': 4, 'max_features': 'auto',	'cantidad_De_Compras_De_Mismo_Śku', 'label', 'prob_marca', 'prob_model', 'prob_marca_checkout', 'prob_marca_en_base_checkout',	
	'max_depth': 93,	'prob_model_en_base_checkout'],	
Random Forest	'bootstrap': True}	dtype='object')	88.899.159.007.4 85.397
	{'subsample': 0.5,	Index(['skus', 'Busca_terminos_populares', 'Computer',	87.527.013.304.8 85.117
Xgboost			
Xgboost	silent': False,	conversiones_15lastdays', 'checkout_15lastdays', 'viewed_15lastday',	
Xgboost	silent': False, n_estimators': 50,	conversiones_15lastdays', checkout_15lastdays', viewed_15lastday', color_Cinza espacial', 'new_15lastdays', 'sku',	

	max_depth': 9,	prob_marca_checkout', 'prob_marca_en_base_checkout',					
	learning_rate': 0.15,	prob_model_en_base_checkout'],					
	gamma': 0.9,	dtype='object')					
	colsample_bytree': 0.2,						
	colsample bylevel': 0.8}						
Mean de los ante	eriores		85.559				
Xgboost	('silent': False,	Los mismos pero con oversampling	0.95 0.81				
Agboost	n_estimators': 750,	Eco mismos pero con oversampling	0.33				
	min_child_weight': 2,						
	max_depth': 11,						
	learning_rate': 0.2,						
	gamma': 0.0,						
	colsample_bytree': 0.8,						
	colsample_bylevel': 0.8}						
Random Forest	{'n_estimators': 724,	['skus', 'screen_resolution', 'Busca_terminos_populares', 'Computer',					
rtandom r orest	min_samples_split': 2,	Smartphone', 'conversiones_15lastdays', 'checkout_15lastdays',					
	min_samples_leaf: 1,	viewed_15lastday', 'color_Cinza espacial', 'new_15lastdays', 'sku',					
	max_features': 'sqrt',	cantidad_De_Compras_De_Mismo_Sku', 'prob_marca', 'prob_model',					
	max_depth': 43,	prob_marca_checkout', 'prob_marca_en_base_checkout',					
	bootstrap': True}	prob_model_en_base_checkout', 'compraPopular', 'usuario_Checkeador',					
		usuario_susceptible_campaign', 'usuario_buscador',					
		usuario_dubitativo'],					
		dtype='object') pero con Oversampling					
		dispo-object / pero con eversalitiping					
	South a second of the Co.	Index/fielded IDages Associates and 1920 and 19	0.00				
xgboost	('subsample': 0.5,	Index(['skus', 'Busca_terminos_populares', 'Computer',	0.89 0.82				
	silent': False,	conversiones_15lastdays', 'checkout_15lastdays', 'viewed_15lastday',					
	n_estimators': 50,	color_Cinza espacial', 'new_15lastdays', 'sku',					
	min_child_weight': 5,	cantidad_De_Compras_De_Mismo_Sku', 'label', 'prob_marca', 'prob_model',					
	max_depth': 9,	prob_marca_checkout', 'prob_marca_en_base_checkout',					
	learning_rate': 0.15,	prob_model_en_base_checkout'],					
		dtype='object')					
	gamma': 0.9,						
	colsample_bytree': 0.2,						
	colsample_bytree': 0.2, colsample_bylevel': 0.8}	· · · · · · · · · ·					
random forest	colsample_bytree': 0.2, colsample_bylevel': 0.8} {'n_estimators': 310,		8.914 86,2				
random forest	colsample_bytree': 0.2, colsample_bylevel': 0.8}	Index[event_checkout', event_conversion', 'Computer', 'Smartphone', 'campaign_source_google', 'c		nt_activity', 'conversiones_15lastdays',	, 'checkout_15lastdays', 'viewed_i	15lastday', 'new_15lastday	's'], dtype='object')
random forest	colsample_bytree': 0.2, colsample_bylevel': 0.8} {'n_estimators': 310,			nt_activity', 'conversiones_15lastdays',	'checkout_15lastdays', 'viewed_'	15lastday', 'new_15lastday	s'], dtype='object')
random forest	colsample_bytree': 0.2, colsample_bytevel': 0.8} {n_estimators': 310, min_samples_split': 10,			nt_activity', 'conversiones_15lastdays',	, 'checkout_15lastdays', 'viewed_1	15lastday', 'new_15lastday	s'], dtype='object')
random forest	colsample_bytree*: 0.2, colsample_byteve*! 0.8} {n_estimators*: 310, min_samples_leaf*: 4, max_features*: 'auto',			nt_activity', 'conversiones_15lastdays',	, 'checkout_15lastdays', 'viewed_1	15lastday', 'new_15lastday	s'], dtype≕'object')
random forest	colsample_bytree: 0.2, colsample_bylevel: 0.8} {n_estimators: 310, min_samples_leaf: 4, max_features: 'auto', max_depth: 76,			nt_activity', 'conversiones_15lastdays',	, 'checkout_15lastdays', 'viewed_i	15lastday', 'new_15lastday	s'], dtype='object')
	colsample_bytree*: 0.2, colsample_byteve*! 0.8) {n_estimators*: 310, min_samples_split*: 10, min_samples_leaf*: 4, max_features*: auto', max_depth*: 76, bootstrap*: True}	Index(['event_checkout', 'event_conversion', 'Computer', 'Smartphone', 'campaign_source_google',	paign_source_criteo', 'campaign_source_rtbhouse', 'ventas_region', 'cou	nt_activity', 'conversiones_15lastdays',	'checkout_15lastdays', 'viewed_i	15lastday', 'new_15lastday	s'], dtype≕'object')
random forest	colsample_bytree*: 0.2, colsample_byteve*: 0.8} {n_estimators*: 310, min_samples_spilt*: 10, min_samples_leaf*: 4, max_features*: *auto*, max_depth*: 76, bootstrap*: True} {n_estimators*: 558,	Index(['event_checkout', 'event_conversion', 'Computer', 'Smartphone', 'campaign_source_google',		nt_activity', 'conversiones_15lastdays',	, 'checkout_15lastdays', 'viewed_1	15lastday', 'new_15lastday	s'], dtype='object')
	colsample_bytree*: 0.2, colsample_byteve*: 0.8} {n_estimators*: 310, min_samples_spilt*: 10, min_samples_leaf*: 4, max_features*: *auto*, max_depth*: 76, bootstrap*: True} {n_estimators*: 558, min_samples_spilt*: 10,	Index(['event_eheckout', 'event_conversion', 'Computer', Smartphone', 'campaign_source_google', 'camp RandomForestClassifier(bootstrap=True, class_weight=None, criterion='gini', max_depth=76, max_features='sqrt', max_leaf_nodes=None,	paign_source_criteo', 'campaign_source_rtbhouse', 'ventas_region', 'cou	nt_activity', 'conversiones_15lastdays',	, 'checkout_15lastdays', 'viewed_i	15lastday', 'new_15lastday	s'], dtype='object')
	colsample_bytree": 0.2, colsample_bytevet": 0.8) (n_estimators": 310, min_samples_split": 10, min_samples_leaf": 4, max_features': 'auto', max_depth': 76, bootstrap': True} (n_estimators': 558, min_samples_split": 10, min_samples_leaf": 4,	Index(['event_checkout', 'event_conversion', 'Computer', 'Smartphone', 'campaign_source_google', 'camp RandomForestClassifier(bootstrap=True, class_weight=None, criterion='gini', max_depth=76, max_features='sqrt', max_leaf_nodes=None, min_impurity_decrease=0.0, min_impurity_spite=None,	paign_source_criteo', 'campaign_source_rtbhouse', 'ventas_region', 'cou	nt_activity', 'conversiones_15lastdays',	'checkout_15lastdays', 'viewed_i	15lastday', 'new_15lastday	s'], diype='object')
	colsample_bytree*: 0.2, colsample_byteve*: 0.8} {n_estimators*: 310, min_samples_spilt*: 10, min_samples_leaf*: 4, max_features*: *auto*, max_depth*: 76, bootstrap*: True} {n_estimators*: 558, min_samples_spilt*: 10,	Index(['event_eheckout', 'event_conversion', 'Computer', Smartphone', 'campaign_source_google', 'camp RandomForestClassifier(bootstrap=True, class_weight=None, criterion='gini', max_depth=76, max_features='sqrt', max_leaf_nodes=None,	paign_source_criteo', 'campaign_source_rtbhouse', 'ventas_region', 'cou	nt_activity', 'conversiones_15lastdays',	, 'checkout_15lastdays', 'viewed_1	15lastday', 'new_15lastday	is'], dtype='object')
	colsample_bytree": 0.2, colsample_bytevet": 0.8) (n_estimators": 310, min_samples_split": 10, min_samples_leaf": 4, max_features': 'auto', max_depth': 76, bootstrap': True} (n_estimators': 558, min_samples_split": 10, min_samples_leaf": 4,	Index(['event_checkout', 'event_conversion', 'Computer', 'Smartphone', 'campaign_source_google', 'camp RandomForestClassifier(bootstrap=True, class_weight=None, criterion='gini', max_depth=76, max_features='sqrt', max_leaf_nodes=None, min_impurity_decrease=0.0, min_impurity_spite=None,	paign_source_criteo', 'campaign_source_rtbhouse', 'ventas_region', 'cou	nt_activity', 'conversiones_15lastdays',	, 'checkout_15lastdays', 'viewed_l	15lastday', 'new_15lastday	s'], dtype='object')
	colsample_bytree*: 0.2, colsample_byteve*: 0.8) {n_estimators*: 310, min_samples_split*: 10, min_samples_leaf*: 4, max_features*: 'auto', max_depth*: 76, bootstrap*: True} {n_estimators*: 558, min_samples_split*: 10, min_samples_split*: 10, min_samples_leaf*: 4, max_features*: 'sqrt*,	Index(['event_checkout', 'event_conversion', 'Computer', 'Smartphone', 'campaign_source_google',	paign_source_criteo', 'campaign_source_rtbhouse', 'ventas_region', 'cou	nt_activity', 'conversiones_15lastdays',	'checkout_15lastdays', 'viewed_i	15lastday', 'new_15lastday	s'], diype='object')
	colsample_bytree*: 0.2, colsample_byteve*: 0.8} {n_estimators*: 310, min_samples_spilt*: 10, min_samples_leaf*: 4, max_features*: *auto*, max_depth*: 76, bootstrap*: True} {n_estimators*: 558, min_samples_spilt*: 10, min_samples_leaf*: 4, max_features*: *sqrt*, max_depth*: 76,	Index(['event_checkout', 'event_conversion', 'Computer', 'Smartphone', 'campaign_source_google',	paign_source_criteo', 'campaign_source_rtbhouse', 'ventas_region', 'cou	nt_activity', 'conversiones_15lastdays',	, 'checkout_15lastdays', 'viewed_1	15lastday', 'new_15lastday	s'], dtype='object')
random forest	colsample_bytree": 0.2, colsample_byteve": 0.8) (n_estimators": 310, min_samples_split": 10, min_samples_leaf": 4, max_features": 'auto', max_depth": 76, bootstrap": True} (n_estimators": 558, min_samples_split": 10, min_samples_leaf": 4, max_features": 'sqrt', max_depth": 76, bootstrap": True} (bootstrap": True)	Index(['event_checkout', 'event_conversion', 'Computer', 'Smartphone', 'campaign_source_google', 'camp RandomForestClassifier(bootstrap=True, class_weight=None, criterion='gini', max_depth=76, max_features='sqrt', max_leaf_nodes=None, min_impurity_decrease=0.0, min_impurity_split=None, min_samples_leaf=4, min_samples_split=10, min_weight_fraction_leaf=0.0, n_estimators=558, n_jobs=None, oob_score=False, andom_state=None, verbose=0, warm_start=False)	paign_source_criteo', 'campaign_source_rtbhouse', 'ventas_region', 'cou	nt_activity', 'conversiones_15lastdays',	'checkout_15lastdays', viewed_i	l Slastday', 'new_1 Slastday	s'], dtype='object')
random forest	colsample_bytree*: 0.2, colsample_byteve*: 0.8) {n_estimators*: 310, min_samples_split*: 10, min_samples_leaf*: 4, max_features*: auto', max_depth*: 76, bootstrap*: True} {n_estimators*: 558, min_samples_split*: 10, min_samples_split*: 10, min_samples_leaf*: 4, max_features*: 'sqrt', max_depth*: 76, bootstrap*: True} st (silent*: True,	Index(['event_checkout', 'event_conversion', 'Computer', 'Smartphone', 'campaign_source_google',	paign_source_criteo', 'campaign_source_rtbhouse', 'ventas_region', 'cou	nt_activity', 'conversiones_15lastdays',	'checkout_ISlastdays', 'viewed_i	15lastday', 'new_15lastday	s'], diype='object')
random forest	colsample_bytree*: 0.2, colsample_byteve*: 0.8} {n_estimators*: 310, min_samples_spit*: 10, min_samples_leaf*: 4, max_features*: *auto', max_depth*: 76, bootstrap*: True} {n_estimators*: 558, min_samples_spit*: 10, min_samples_leaf*: 4, max_features*: *sqrt', max_depth*: 76, bootstrap*: True} st_stillent*: True, n_estimators*: 100,	Index(['event_checkout', 'event_conversion', 'Computer', 'Smartphone', 'campaign_source_google', 'camp RandomForestClassifier(bootstrap=True, class_weight=None, criterion='gini', max_depth=76, max_features='sqrt', max_leaf_nodes=None, min_impurity_decrease=0.0, min_impurity_split=None, min_samples_leaf=4, min_samples_split=10, min_weight_fraction_leaf=0.0, n_estimators=558, n_jobs=None, oob_score=False, andom_state=None, verbose=0, warm_start=False)	paign_source_criteo', 'campaign_source_rtbhouse', 'ventas_region', 'cou	nt_activity', 'conversiones_15lastdays',	, 'checkout_15lastdays', 'viewed_1	15lastday', 'new_15lastday	s'], dtype='object')
random forest	colsample_bytree*: 0.2, colsample_bytree*: 0.8; (fn_estimators*: 310, min_samples_split*: 10, min_samples_leaf*: 4, max_features*: *auto*, max_depth*: 76, bootstrap*: True} (fn_estimators*: 558, min_samples_split*: 10, min_samples_leaf*: 4, max_features*: *sqrt*, max_depth*: 76, bootstrap*: True} si (silent*: True, n_estimators*: 100, min_entild_weight*: 7,	Index(['event_checkout', 'event_conversion', 'Computer', 'Smartphone', 'campaign_source_google', 'camp RandomForestClassifier(bootstrap=True, class_weight=None, criterion='gini', max_depth=76, max_features='sqrt', max_leaf_nodes=None, min_impurity_decrease=0.0, min_impurity_split=None, min_samples_leaf=4, min_samples_split=10, min_weight_fraction_leaf=0.0, n_estimators=558, n_jobs=None, oob_score=False, andom_state=None, verbose=0, warm_start=False)	paign_source_criteo', 'campaign_source_rtbhouse', 'ventas_region', 'cou	nt_activity', 'conversiones_15lastdays',	'checkout_15lastdays', 'viewed_i	15lastday', 'new_15lastday	s'], dtype='object')
random forest	colsample_bytree*: 0.2, colsample_bytree*: 0.8; (fn_estimators*: 310, min_samples_split*: 10, min_samples_leaf*: 4, max_features*: auto', max_depit*: 76, bootstrap*: True} (fn_estimators*: 558, min_samples_leaf*: 4, max_features*: *sqrt', max_depit*: 76, bootstrap*: True} signife_sfaf*: 4, max_features*: *sqrt', max_depit*: 77, bootstrap*: True} st[silent*: True, n_estimators*: 100, min_child_weight*: 7, max_depit*: 5,	Index(['event_checkout', 'event_conversion', 'Computer', 'Smartphone', 'campaign_source_google', 'camp RandomForestClassifier(bootstrap=True, class_weight=None, criterion='gini', max_depth=76, max_features='sqrt', max_leaf_nodes=None, min_impurity_decrease=0.0, min_impurity_split=None, min_samples_leaf=4, min_samples_split=10, min_weight_fraction_leaf=0.0, n_estimators=558, n_jobs=None, oob_score=False, andom_state=None, verbose=0, warm_start=False)	paign_source_criteo', 'campaign_source_rtbhouse', 'ventas_region', 'cou	nt_activity', 'conversiones_15lastdays',	'checkout_ISlastdays', 'viewed_i	15lastday', 'new_15lastday	s'], diype='object')
random forest	colsample_bytree*: 0.2, colsample_bytree*: 0.8; fn_estimators*: 310, min_samples_split*: 10, min_samples_leaf*: 4, max_features*: auto', max_depth*: 76, bootstrap*: True} fn_estimators*: 558, min_samples_split*: 10, min_samples_leaf*: 4, max_features*: *sqrt', max_depth*: 76, bootstrap*: True} st fsilent*: True, n_estimators*: 100, min_child_weight*: 7, max_depth*: 5, learning_rate*: 0.15,	Index(['event_checkout', 'event_conversion', 'Computer', 'Smartphone', 'campaign_source_google', 'camp RandomForestClassifier(bootstrap=True, class_weight=None, criterion='gini', max_depth=76, max_features='sqrt', max_leaf_nodes=None, min_impurity_decrease=0.0, min_impurity_split=None, min_samples_leaf=4, min_samples_split=10, min_weight_fraction_leaf=0.0, n_estimators=558, n_jobs=None, oob_score=False, andom_state=None, verbose=0, warm_start=False)	paign_source_criteo', 'campaign_source_rtbhouse', 'ventas_region', 'cou	nt_activity', 'conversiones_15lastdays',	, 'checkout_15lastdays', 'viewed_1	15lastday', 'new_15lastday	s'], dtype='object')
random forest	colsample_bytree*: 0.2, colsample_bytree*: 0.8; (fn_estimators*: 310, min_samples_split*: 10, min_samples_leaf*: 4, max_features*: auto', max_depit*: 76, bootstrap*: True} (fn_estimators*: 558, min_samples_leaf*: 4, max_features*: *sqrt', max_depit*: 76, bootstrap*: True} signife_sfaf*: 4, max_features*: *sqrt', max_depit*: 77, bootstrap*: True} st[silent*: True, n_estimators*: 100, min_child_weight*: 7, max_depit*: 5,	Index(['event_checkout', 'event_conversion', 'Computer', 'Smartphone', 'campaign_source_google', 'camp RandomForestClassifier(bootstrap=True, class_weight=None, criterion='gini', max_depth=76, max_features='sqrt', max_leaf_nodes=None, min_impurity_decrease=0.0, min_impurity_split=None, min_samples_leaf=4, min_samples_split=10, min_weight_fraction_leaf=0.0, n_estimators=558, n_jobs=None, oob_score=False, andom_state=None, verbose=0, warm_start=False)	paign_source_criteo', 'campaign_source_rtbhouse', 'ventas_region', 'cou	nt_activity', 'conversiones_15lastdays',	'checkout_15lastdays', 'viewed_i	15lastday', 'new_15lastday	s'], dtype='object')
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random forest mean con xgboo	colsample_bytree*: 0.2, colsample_bytevet*: 0.8) (fn_estimators*: 310, min_samples_split*: 10, min_samples_leaf*: 4, max_features*: auto', max_depth*: 76, bootstrap*: True} (fn_estimators*: 558, min_samples_split*: 10, min_samples_leaf*: 4, max_features*: 'sqrt', max_depth*: 76, bootstrap*: True} s(silent*: True, n_estimators*: 100, min_child_weight*: 7, max_depth*: 5, learning_rate*: 0.15, gamma*: 0.9, colsample_bytree*: 0.6, colsample_bytree*: 0.6,	Index(['event_checkout', 'event_conversion', 'Computer', 'Smartphone', 'campaign_source_google', 'camp RandomForestClassifier(bootstrap=True, class_weight=None, criterion='gini', max_depth=76, max_features='sqrt', max_leaf_nodes=None, min_impurity_decrease=0.0, min_impurity_spit=None, min_samples_leaf=4, min_samples_spit=10, min_weight_fraction_leaf=0.0, n_estimators=558, n_jobs=None, oob_score=False, random_state=None, verbose=0, warm_start=false) mismos features	paign_source_criteo', 'campaign_source_rtbhouse', 'ventas_region', 'cou	nt_activity', 'conversiones_15lastdays',	'checkout_15lastdays', 'viewed_1	15lastday', 'new_15lastday	s'], diype='object')
random forest mean con xgboo	colsample_bytree*: 0.2, colsample_bytree*: 0.8; (fn_estimators*: 310, min_samples_leaf*: 4, max_features*: auto*, max_depth*: 76, bootstrap*: True} (fn_estimators*: 558, min_samples_spilt*: 10, min_samples_leaf*: 4, max_features*: sqrt, max_depth*: 76, bootstrap*: True} st (silent*: True, n_estimators*: 100, min_child_weight*: 7, max_depth*: 7, max_depth*: 7, max_depth*: 5, learning_rate*: 0.15, gamma*: 0.9, colsample_bytree*: 0.6, colsample_bytree*: 0.6, colsample_bytree*: 0.2} (fn_estimators*: 724,	Index(['event_checkout', 'event_conversion', 'Computer', 'Smartphone', 'campaign_source_google', 'camp RandomForestClassifier(bootstrap=True, class_weight=None, criterion='gini', max_depth=76, max_features='sqrt', max_leaf_nodes=None, min_impurity_decrease=0.0, min_impurity_split=None, min_samples_leaf=4, min_samples_split=10, min_weight_fraction_leaf=0.0, n_estimators=558, n_jobs=None, oob_soore=False, random_state=None, verbose=0, warm_start=False) mismos features Index(['cant_seciones', 'event_checkout', 'event_conversion', 'skus',	paign_source_criteo', 'campaign_source_rtbhouse', 'ventas_region', 'cou	nt_activity', 'conversiones_15lastdays',	'checkout_ISlastdays', 'viewed_I	15lastday', 'new_15lastday	s'], dtype='object')
random forest mean con xgboo	colsample_bytree": 0.2, colsample_bytree": 0.8) (fn_estimators': 310, min_samples_split': 10, min_samples_leaf': 4, max_features': 'auto', max_depth': 76, bootstrap': True} (fn_estimators': 558, min_samples_split': 10, min_samples_split': 10, min_samples_leaf': 4, max_features': 'sqrt', max_depth': 76, bootstrap': True} st ('silent': True, n_estimators': 100, min_child_weight': 7, max_depth': 5, learning_rate': 0.15, gamma': 0.9, colsample_bytree': 0.6, colsample_bytree': 0.6, colsample_bytevet': 0.2} (fn_estimators': 724, min_samples_split': 10,	Index(['event_checkout', 'event_conversion', 'Computer', 'Smartphone', 'campaign_source_google', 'camp RandomForestClassifier(bootstrap=True, class_weight=None, criterion='gini', max_depth=76, max_features='sqrt', max_leaf_nodes=None, min_impurity_decrease=0.0, min_impurity_split=None, min_samples_leaf=4, min_samples_split=10, min_weight_fraction_leaf=0.0, n_estimators=558, n_jobs=None, oob_score=False, random_state=None, verbose=0, warm_start=False) mismos features Index(['cant_seciones', 'event_checkout', 'event_conversion', 'skus', Computer', 'Smartphone', 'campaign_source_google',	paign_source_criteo', 'campaign_source_rtbhouse', 'ventas_region', 'cou	nt_activity', 'conversiones_15lastdays',	'checkout_15lastdays', 'viewed_1	I Slastday', 'new_I Slastday	s'], dype='object')
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random forest mean con xgboo	colsample_bytree': 0.2, colsample_bytevet': 0.8) (fn_estimators': 310, min_samples_split': 10, min_samples_leaf': 4, max_features': 'auto', max_depth': 76, bootstrap': True} (fn_estimators': 558, min_samples_leaf': 4, max_features': 'sqrt', max_depth': 76, bootstrap': True} s(silent': True, n_estimators': 100, min_shid_weight': 7, max_depth': 5, learning_rate': 0.15, gamma': 0.9, colsample_bytree': 0.6, colsample_bytevel': 0.2) (fn_estimators': 724, min_samples_leaf': 4, max_features': 'sqrt', max_depth': 93, bootstrap': False)	Indext['event_checkout', 'event_conversion', 'Computer', 'Smartphone', 'campaign_source_google', 'camp RandomForestClassifier(bootstrap=True, class_weight=None, criterion='gini', max_depth=76, max_features='sqrt', max_leaf_nodes=None, min_impurity_decrease=0.0, min_impurity_split=None, min_samples_leaf=4, min_samples_split=10, min_weight_fraction_leaf=0.0, n_estimators=558, n_jobs=None, oob_score=False, random_state=None, verbose=0, warm_start=false) mismos features Indext['cant_seciones', 'event_checkout', 'event_conversion', 'skus', Computer', 'Smartphone', 'campaign_source_google', campaign_source_criteo', 'campaign_source_thhouse', 'ventas_region', conversiones_15lastdays', 'checkout_15lastdays', 'viewed_15lastday', color_Cinza_espacial', 'new_15lastdays', 'sku', 'label', compraPopular'],	89.4 86.22 89.4 86.22 89.6 0.606.139.5 85.836	nt_activity', 'conversiones_15lastdays',	'checkout_Islastdays', 'viewed_I	15lastday', 'new_15lastday	s'], dype='object')
random forest mean con xgboo	colsample_bytree*: 0.2, colsample_bytree*: 0.8) (fn_estimators*: 310, min_samples_split*: 10, min_samples_leaf*: 4, max_features*: auto*, max_depth*: 76, bootstrap*: True} (fn_estimators*: 558, min_samples_split*: 10, min_samples_leaf*: 4, max_features*: sqrt, max_depth*: 76, bootstrap*: True} st (silent*: True, n_estimators*: 100, min_child_weight*: 7, max_depth*: 7, max_depth*: 7, max_depth*: 5, learning_rate*: 0.15, gamma*: 0.9, colsample_bytree*: 0.6, colsample_bytree*: 0.6, colsample_bytres*: 54, min_samples_leaf*: 4, max_features*: "sqrt, max_depth*: 53, bootstrap*: False)	Index(['event_checkout', 'event_conversion', 'Computer', 'Smartphone', 'campaign_source_google', 'camp RandomForestClassifier(bootstrap=True, class_weight=None, criterion='gini', max_depth=76, max_features='sqrt', max_leaf_nodes=None, min_impurity_decrease=0.0, min_impurity_split=None, min_samples_leaf=4, min_samples_split=10, min_weight_fraction_leaf=0.0, n_estimators=558, n_jobs=None, oob_soore=False, random_state=None, verbose=0, warm_start=False) mismos features Index(['cant_seciones', 'event_checkout', 'event_conversion', 'skus', Computer', 'Smartphone', 'campaign_source_google', campaign_source_criteo', 'campaign_source_thhouse', 'ventas_region', conversiones_istastdays', 'checkout_fistastdays', 'iewed_15fastday', color_Cinza_espacial', 'new_15fastdays', 'sku', 'label', compraPopular'], cant_seciones', 'event_checkout', 'event_conversion', 'skus', cant_seciones', 'event_checkout', 'event_conversion', 'skus',	paign_source_criteo', 'campaign_source_rtbhouse', 'ventas_region', 'cou 89.4 86.22 86.179 8.960.606.139.50 8.960.606.139.50 8.960.606.139.50	nt_activity', 'conversiones_15lastdays',	'checkout_15lastdays', 'viewed_1	15lastday', 'new_15lastday	s'], dtype='object')
random forest mean con xgboo	colsample_bytree*: 0.2, colsample_bytree*: 0.8; (fn_estimators*: 310, min_samples_split*: 10, min_samples_leaf*: 4, max_features*: vauto', max_depth*: 76, bootstrap*: True} (fn_estimators*: 558, min_samples_split*: 10, min_samples_leaf*: 4, max_features*: *sqrt', max_depth*: 76, bootstrap*: True} si {silent*: True, n_estimators*: 100, min_child_weight*: 7, max_depth*: 76, learing_rate*: 0.15, gamma*: 0.9, colsample_bytree*: 0.6, colsample_bytree*: 0.6, colsample_bytree*: 0.6, colsample_split*: 10, min_samples_leaf*: 4, max_features*: *sqrt', max_depth*: 93, bootstrap*: False) (fn_estimators*: 120, min_samples_split*: 10, min_samples_split*: 10, min_samples_split*: 10, min_samples_leaf*: 4, max_features*: *sqrt', max_depth*: 93, bootstrap*: False)	Index(['event_checkout', 'event_conversion', 'Computer', 'Smartphone', 'campaign_source_google', 'camp RandomForestClassifier(bootstrap=True, class_weight=None, criterion='gin1', max_depth=76, max_features='sqrt', max_leaf_nodes=None, min_impurity_decrease=0.0, min_impurity_split=None, min_samples_leaf=4, min_samples_split=10, min_weight_fraction_leaf=0.0, n_estimators=558, n_jobs=None, oob_score=False, random_state=None, verbose=0, warm_start=False) mismos features Index(['cant_seciones', 'event_checkout', 'event_conversion', 'skus', Computer', 'Smartphone', 'campaign_source_google', campaign_source_criteo', 'campaign_source_thhouse', 'ventas_region', conversiones_tslastdays', 'checkout_tslastdays', 'viewed_tslastday', color_Cinza_espacial', 'new_15lastdays', 'sku', 'label', compraPopular'], cant_seciones', 'event_checkout', 'event_conversion', 'skus', Computer', 'Smartphone', 'marca_lenovo', 'campaign_source_google',	89.4 86.22 89.4 86.22 89.6 0.606.139.5 85.836	nt_activity', 'conversiones_15lastdays',	'checkout_15lastdays', 'viewed_1	15lastday', 'new_15lastday	s'], dype='object')
mean con xgboo	colsample_bytree*: 0.2, colsample_bytree*: 0.8) (fn_estimators*: 310, min_samples_split*: 10, min_samples_leaf*: 4, max_features*: auto*, max_depth*: 76, bootstrap*: True} (fn_estimators*: 558, min_samples_split*: 10, min_samples_leaf*: 4, max_features*: sqrt, max_depth*: 76, bootstrap*: True} st (silent*: True, n_estimators*: 100, min_child_weight*: 7, max_depth*: 7, max_depth*: 7, max_depth*: 5, learning_rate*: 0.15, gamma*: 0.9, colsample_bytree*: 0.6, colsample_bytree*: 0.6, colsample_bytres*: 54, min_samples_leaf*: 4, max_features*: "sqrt, max_depth*: 53, bootstrap*: False)	Index(['event_checkout', 'event_conversion', 'Computer', 'Smartphone', 'campaign_source_google', 'camp RandomForestClassifier(bootstrap=True, class_weight=None, criterion='gini', max_depth=76, max_features='sqrt', max_leaf_nodes=None, min_impurity_decrease=0.0, min_impurity_split=None, min_samples_leaf=4, min_samples_split=10, min_weight_fraction_leaf=0.0, n_estimators=558, n_jobs=None, oob_soore=False, random_state=None, verbose=0, warm_start=False) mismos features Index(['cant_seciones', 'event_checkout', 'event_conversion', 'skus', Computer', 'Smartphone', 'campaign_source_google', campaign_source_criteo', 'campaign_source_thhouse', 'ventas_region', conversiones_istastdays', 'checkout_fistastdays', 'iewed_15fastday', color_Cinza_espacial', 'new_15fastdays', 'sku', 'label', compraPopular'], cant_seciones', 'event_checkout', 'event_conversion', 'skus', cant_seciones', 'event_checkout', 'event_conversion', 'skus',	89.4 86.22 89.4 86.22 89.6 0.606.139.5 85.836	nt_activity', 'conversiones_15lastdays',	'checkout_15lastdays', viewed_i	I Slastday', 'new_I Slastday	s'], dtype='object')

	may donth! 03	color Cinza conscial' 'now 15lactdaye' 'cku' 'cku 2271 0'					
	max_depth': 93,	color_Cinza espacial', 'new_15lastdays', 'sku', 'sku_3371.0',					
	bootstrap': True}	sku_6357.0'],					
SVM	probability=True, kernel="	event_checkout', 'event_conversion', 'skus', 'Computer', 'Smartphone',		0,78	1		
		campaign_source_google', 'campaign_source_criteo',					
		campaign source rtbhouse', 'ventas region', 'count activity',					
	tu puedes!!!!	conversiones_15lastdays', 'checkout_15lastdays', 'viewed_15lastday',					
	tu pucuca::::						
		new_15lastdays', 'label'					
mean	{'n_estimators': 420,	cant_seciones', 'event_checkout', 'event_conversion', 'skus',		89,5	86,3		
	min_samples_split': 2,	Computer', 'Smartphone', 'ventas_region', 'conversiones_15lastdays',					
	min_samples_leaf: 4,	checkout_15lastdays', 'viewed_15lastday', 'color_Cinza espacial',					
	max_features': 'auto',	new_15lastdays', 'sku', 'label'],					
	max_depth': 93,						
	bootstrap': True}						
Triple Mean	clf =XGBClassifier(
прие меап	,	Indus/December developed become	hand terminalan 111		96.06		
	colsample_bylevel= 0.2,	Index(['event_checkout', 'event_conversion', 'event_lead', 'skus', 'Computer', 'Smartp	none', 'campaign_source_google', '	campaign_source_criteo	86,06		
	colsample_bytree= 0.6,						
	gamma = 0.6,						
	learning_rate = 0.025,						
	max_depth = 11,						
	min_child_weight = 7,						
	n_estimators = 150,						
	silent = True						
	Silett - True						
)						
	clf = RandomForestClassifier(bootstrap= True,						
	max_depth= 110,						
	max_features = 'auto',						
	min_samples_leaf=4,						
	min_samples_split= 5,						
	n_estimators= 724)						
	11_Committee 72.1/						
lightGBM	default	event_checkout', 'event_conversion', 'skus', 'Computer', 'Smartphone',	lightGBM1	1			
iigiilGbivi	deladit		lightGBWT	· '			
		conversiones_15lastdays', 'checkout_15lastdays', 'viewed_15lastday',					
		new_15lastdays'					
				89,4	86.456		
Random Forest		(['cant_seciones', 'event_checkout', 'event_conversion', 'skus',					
	Hiperparametros	Computer', 'Smartphone', 'marca_lenovo', 'campaign_source_google',					
	{'n_estimators': 393,	campaign_source_criteo', 'campaign_source_rtbhouse', 'ventas_region',					
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	min_samples_leaf': 4,	color_Cinza espacial', 'new_15lastdays', 'sku', 'label',					
	max_features': 'auto',	usuario_poco_util', 'sku_3371.0', 'sku_6357.0'],					
	max_depth': 10,						
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Random Forest	{'n_estimators': 200,	cant_seciones', 'event_checkout', 'event_conversion', 'skus',		89,5	86,206		
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	min_samples_leaf': 1,	campaign_source_criteo', 'campaign_source_rtbhouse', 'ventas_region',					
	max_features': 'sqrt',	conversiones_15lastdays', 'checkout_15lastdays', 'viewed_15lastday',					
	max_depth': 10,	color_Cinza espacial', 'new_15lastdays', 'sku', 'label',					
	bootstrap': True}	usuario_poco_util', 'usuario_muy_activo', 'usuario_convertidor',					
		sku_3371.0', 'sku_6357.0'],					
		['cant_seciones', 'event_checkout', 'event_conversion', 'skus',		89,4	86,193		
Random Forest	{'n_estimators': 751,						
Random Forest	('n_estimators': 751, min_samples_split': 2,	Computer', 'Smartphone', 'marca_lenovo', 'campaign_source_google',					
Random Forest		Computer', 'Smartphone', 'marca_lenovo', 'campaign_source_google', campaign_source_criteo', 'campaign_source_rtbhouse', 'ventas_region',					
Random Forest	min_samples_split*: 2, min_samples_leaf*: 4,	campaign_source_criteo', 'campaign_source_rtbhouse', 'ventas_region',					
Random Forest	min_samples_split': 2, min_samples_leaf: 4, max_features': 'auto',	campaign_source_criteo', 'campaign_source_rtbhouse', 'ventas_region', conversiones_15lastdays', 'checkout_15lastdays', 'viewed_15lastday',					
Random Forest	min_samples_split': 2, min_samples_leat': 4, max_features': 'auto', max_depth': 10,	campaign_source_criteo', 'campaign_source_rtbhouse', 'ventas_region', conversiones_15lastdays', 'checkout_15lastdays', 'viewed_15lastday', color_Cinza espacial', 'new_15lastdays', 'sku', 'label',					
Random Forest	min_samples_split': 2, min_samples_leaf: 4, max_features': 'auto',	campaign_source_criteo', 'campaign_source_rtbhouse', 'ventas_region', conversiones_15lastdays', 'checkout_15lastdays', 'viewed_15lastday',			86,314		

	n_estimators': 200,							
	min_child_weight': 8,							
	max_depth': 12,							
	learning_rate': 0.01,							
	gamma': 0.7,							
	colsample_bytree': 0.8,							
	colsample_bylevel': 0.8}							
	ooloampio_bylover: 0.0j							
Pandom Forest	n_estimators': 393,	cant_seciones', 'event_checkout', 'event_conversion', 'skus',		89,8	86.213			
random rolest	_			05,0	80.215			
	min_samples_split': 2,	Computer', 'Smartphone', 'campaign_source_google',						
	min_samples_leaf': 4,	campaign_source_criteo', 'campaign_source_rtbhouse', 'ventas_region',						
	max_features': 'sqrt',	conversiones_15lastdays', 'checkout_15lastdays', 'viewed_15lastday',						
	max_depth': None,	color_Cinza espacial', 'new_15lastdays', 'sku', 'label',						
	bootstrap': True}	usuario_poco_util', 'usuario_muy_activo', 'usuario_convertidor'],						
				89.408.180.800.3	85,2			
Random		['cant_seciones', 'event_checkout', 'event_conversion', 'skus',						
		Computer', 'Smartphone', 'marca_lenovo', 'campaign_source_google',						
		campaign_source_criteo', 'campaign_source_rtbhouse', 'ventas_region',						
		conversiones_15lastdays', 'checkout_15lastdays', 'viewed_15lastday',						
		color_Cinza espacial', 'new_15lastdays', 'sku', 'label',						
		prob_marca_en_base_checkout', 'versiones_malas', 'marcas_malas',						
		activo'l,						
		cant_seciones', 'event_checkout', 'event_conversion', 'Computer',						
		'campaign_source_google', 'campaign_source_criteo', 'campaign_source_rtbhouse', 'ventas_region', 'count_activity', 'checkout_15lastdays', 'viewed_15lastday', 'color_Preto', 'color_Dourado', 'color_Branco', 'color_Cinza espacial', 'new 15lastdays', 'sku', 'label'	0,8782	0.0040000				
п	clf = RandomForestClassifier(n_estimators = 227,	new_rolastuays, sku, label	0,0702	0,8640900				
	min_samples_split= 10,							
	min_samples_leaf= 4,							
	max_features = 'sqrt',							
	max_depth= 60,							
	bootstrap= True							
)							
RF	cif = RandomForestClassifier(n_estimators = 365, min_samples_spill=10, min_samples_leaf=2, max_features = 'sqrt', max_depth= 93, bootstrap= True	['cant_seciones', 'event_checkout,' 'event_conversion', 'Computer', 'campaign_source_google', 'campaign_source_gribnouse,' 'campaign_source_gribnouse,' ventas_region', 'count_activity', 'checkout_15lastdays', 'viewed_15lastday', 'color_Preto', 'color_Dourado', 'color Branco', 'color_Cinza espacial', 'new_15lastdays', 'sku', 'checkout_7lastdays'	0,882156	0,8648				
RF	cif = RandomForestClassifier(n_estimators = 806, min_samples_split= 5, min_samples_leaf= 2, max_features = 'auto', max_depth= 76, bootstrap= True)	cant_seciones', 'event_checkout', 'event_conversion', 'Computer',	0,8814278647	0,86597				
RF		['cant_seciones', 'event_checkout', 'event_conversion', 'Computer',	88,9	86,8				
	{'n_estimators': 558,	marca_samsung', 'condition_Bom', 'checkout_15lastdays', 'color_Preto',						
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	min_samples_leaf': 4,	new_15lastdays', 'Prob_samsung', 'sku_multiple', 'label',						
	max_features': 'sqrt',	prob_marca_en_base_checkout', 'sku_0.0', 'usuario_buscador',						
	max_depth': 43,	conversiones_lastmonth', 'viewed_lastmonth', 'checkout_21lastdays',						