

Number of clusters: 2
Optimization: initialize with KMeans++, 10 re-runs limited to 300 steps

Data

Data instances: 1163
Features: Has FB=0, Has FB=1, Previous Projects, Creator Desc Len, Title Len, Duration, Proj Desc Len, Images, Videos, Has Video, Backed_Projects_log, Goal_log , Pledge_Levels_log, Min_Pledge_Tiers_log, Max_Pledge_Tiers_log, Type (total: 16 features)
Meta attributes: URL, Title, Year, Month, Selected
Target: Funded

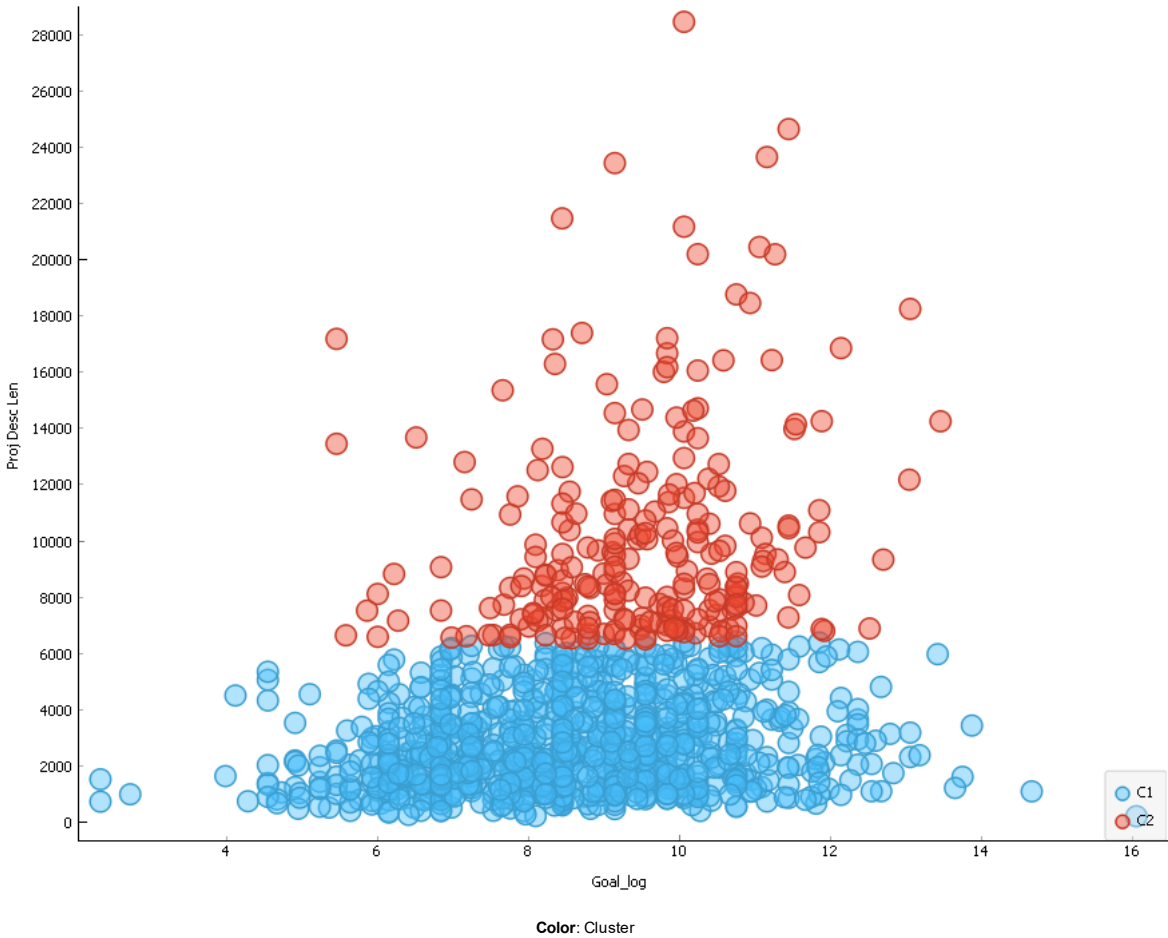
Silhouette scores for different numbers of clusters

2	0.668
3	0.629
4	0.595
5	0.564
6	0.559
7	0.530
8	0.515
9	0.496
10	0.494
11	0.497
12	0.486
13	0.496
14	0.466
15	0.457

according to Silhouette scores the optimal number of groups is two

Scatter Plot

Sat Oct 03 20, 17:22:14



we get the line separating two groups

Distances

Sat Oct 03 20, 17:24:08

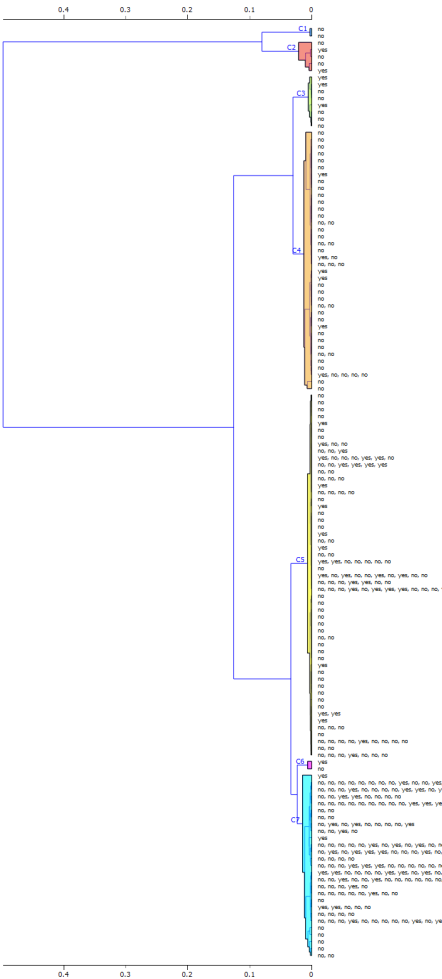
Distances Between: Rows
Metric: Cosine

after trying different methods I chose the Cosine method, but still we dont have a god partitioning.

Hierarchical Clustering

Sat Oct 03 20, 17:26:58

Linkage: average
Annotation: Funded
Prunning: 10 levels
Selection: top 7 clusters

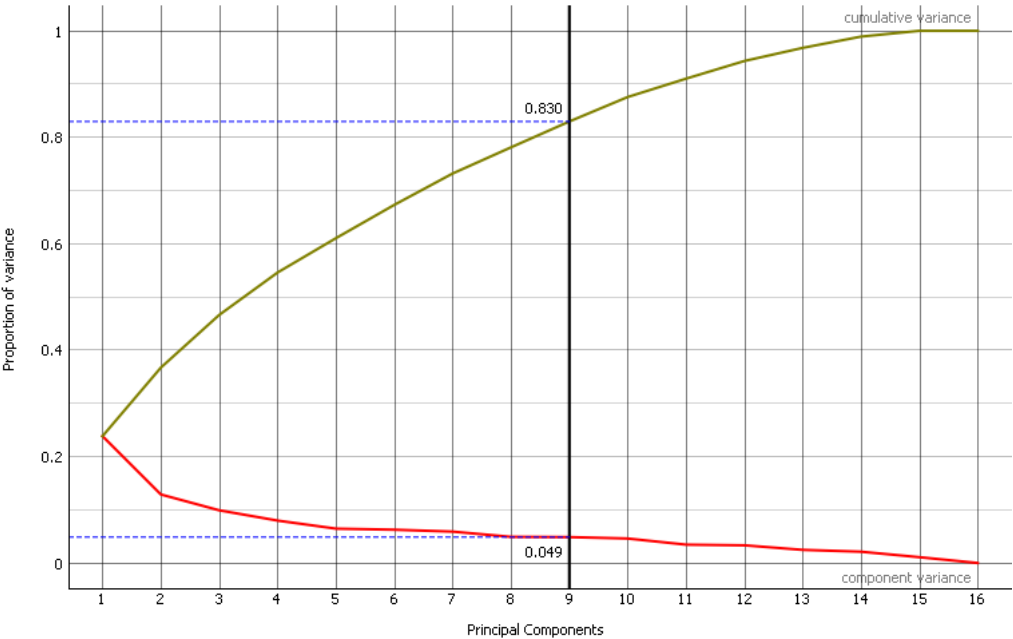


as i sad earlier I chose the most suitable method but still the partitioning is not quite good.

PCA

Sat Oct 03 20, 17:30:46

Normalize data: True
Selected components: 9
Explained variance: 82.000 %



PCA gives us nine components to get more than 80% of variance.

Save Data

Sat Oct 03 20, 18:20:02

Data instances: 348
Features: 16
Meta attributes: 6
Target: Class 'Funded'

File name: C:/Users/evgeny/Desktop/data mining/final project/Test.csv
Format: Comma-separated values
Type annotations: Yes

saved 30% of data as csv file for TEST

Test and Score

Sat Oct 03 20, 18:28:52

Settings

Sampling type: No sampling, test on testing data
Target class: Average over classes

Scores

Model	AUC	CA	F1	Precision	Recall
Random Forest	0.8583768721699756	0.8032786885245902	0.8038507507749514	0.8048589969782245	0.8032786885245902
SVM	0.8505747126436781	0.7581967213114754	0.757113734816954	0.7566823625159865	0.7581967213114754
Logistic Regression	0.8378265412748171	0.75	0.7451814926125218	0.7480803974706415	0.75
Naive Bayes	0.833995123650296	0.7704918032786885	0.7716928377034507	0.7745535389773417	0.7704918032786885
AdaBoost	0.7216300940438872	0.7377049180327869	0.7357036556624258	0.7353312068837623	0.7377049180327869
kNN	0.6027516544757924	0.5942622950819673	0.5965851010671084	0.6005002410800385	0.5942622950819673

Random Forest gives us the best result.

Info														
348 instances														
1 model														
Showing probabilities for: no, yes														
Data & Predictions														
	Random Forest	Funded	URL	Title	Year	Month	Selected	Selected (1)	Has FB=0	Has FB=1	Previous Projects	Creator Desc Len	Title Len	
1	0.53 : 0.47 → no	yes	https://www.kickstarter.com/projects/elijahparker/view-intervalometer-auto-ramping-and-wifi-camera-r	VIEW Intervalometer: Auto Ramp Instant Preview WiFi Remote	2016	Mar	No	No	0	1	2	513	60	
2	0.72 : 0.28 → no	no	https://www.kickstarter.com/projects/794529565/establish-a-arduino-serial-library	Establish a Arduino serial library	2016	Mar	No	No	1	0	2	251	34	
3	1.00 : 0.00 → no	no	https://www.kickstarter.com/projects/1564987674/silly-sweet-shop-professional-space	Silly Sweet Shop Professional Space	2016	Mar	No	No	1	0	0	496	35	
4	1.00 : 0.00 → no	no	https://www.kickstarter.com/projects/1090391411/opulent-beauty-bar-and-spa	Opulent Beauty Bar and Spa	2016	Mar	No	No	0	1	0	496	26	
5	0.85 : 0.15 → no	no	https://www.kickstarter.com/projects/1589910148/internet-addiction-blocker-manager	Internet Addiction Blocker Manager	2016	Apr	No	No	1	0	0	507	34	
6	0.90 : 0.10 → no	no	https://www.kickstarter.com/projects/1055129788/carzor-most-portable-travel-shaving-razor	CARZOR : Most portable travel shaving RAZOR (Canceled)	2016	Feb	No	No	0	1	0	203	54	
7	0.30 : 0.70 → yes	yes	https://www.kickstarter.com/projects/384541564/trophy-a-short-film	Trophy - A Short Film	2016	Mar	No	No	0	1	2	470	21	
8	1.00 : 0.00 → no	no	https://www.kickstarter.com/projects/2004330312/charming-states	Charming States	2016	Apr	No	No	0	1	0	361	15	
9	0.72 : 0.28 → no	no	https://www.kickstarter.com/projects/15390049/burton-tower-soy-candle-university-of-michigan-ann-arbor	Burton Tower Soy Candle - University of Michigan Ann Arbor	2016	Mar	No	No	0	1	0	271	59	
10	0.78 : 0.23 → no	no	https://www.kickstarter.com/projects/657675710/traveloriscom-holiday-planning-made-fun-and-easy	Traveloris - The ultimate travel Tool.	2016	Mar	No	No	0	1	0	508	38	
11	0.68 : 0.33 → no	yes	https://www.kickstarter.com/projects/emw/juiceplug-a-universal-smart-ev-charging-adapter	JuicePlug - an \$89 Universal Smart EV Charging Adapter	2016	Mar	No	No	0	1	2	486	54	
12	0.88 : 0.12 → no	no	https://www.kickstarter.com/projects/kesuk/kesuk	Kesuk	2016	Mar	No	No	0	1	0	214	5	
13	1.00 : 0.00 → no	no	https://www.kickstarter.com/projects/sporticus/sporticus-phone-application	Sporticus Smartphone App (Canceled)	2016	Mar	No	No	1	0	0	286	35	
14	0.20 : 0.80 → yes	no	https://www.kickstarter.com/projects/1090911217/apple-watch-crown-1	Apple Watch: Crown	2016	Mar	No	No	1	0	5	353	18	
15	0.84 : 0.16 → no	no	https://www.kickstarter.com/projects/804605910/new-tailoring-experience-by-adriana-zizolfi	Body scanner - New Tailoring Experience by Adriana Zizolfi	2016	Mar	No	No	0	1	0	290	58	
16	0.59 : 0.41 → no	no	https://www.kickstarter.com/projects/thevideopoet/micah	MICAH	2016	Mar	No	No	1	0	0	509	5	
17	0.43 : 0.57 → yes	yes	https://www.kickstarter.com/projects/3direction/light-up-kits-for-lego-75105-star-wars-millennium-f	Light up kits for LEGO 75105 Star Wars Millennium Falcon	2016	Apr	No	No	1	0	29	10	55	
18	1.00 : 0.00 → no	no	https://www.kickstarter.com/projects/1269636129/paddy-the-beaver	Paddy the Beaver	2016	Apr	No	No	1	0	0	265	16	
19	0.23 : 0.78 → yes	yes	https://www.kickstarter.com/projects/fuzzu/presidential-parody-pet-toys	Presidential Parody Pet Toys	2016	Mar	No	No	0	1	0	330	28	
20	0.44 : 0.56 → yes	yes	https://www.kickstarter.com/projects/1558570295/spinner-needs-a-loom	Spinner needs a loom	2016	Feb	No	No	0	1	0	38	20	
21	0.50 : 0.50 → no	no	https://www.kickstarter.com/projects/513586739/beachrex-project-find-your-perfect-beach	BeachRex project - find your perfect beach (Canceled)	2016	Mar	No	No	0	1	0	504	53	
22	0.90 : 0.10 → no	yes	https://www.kickstarter.com/projects/1791489101/colorful-silicone-toys-for-babies-and-young-childr	Colorful Silicone toys for babies and young children	2016	Mar	No	No	0	1	0	178	52	
23	0.77 : 0.23 → no	yes	https://www.kickstarter.com/projects/1111900111/burl-and-fur	Burl & Fur	2016	Mar	No	No	1	0	0	161	14	
24	0.32 : 0.68 → yes	no	https://www.kickstarter.com/projects/224282919/animated-stand-up-routines-shenanigans	Animated Stand-up Routines Shenanigans	2016	Mar	No	No	1	0	0	498	38	
25	0.71 : 0.29 → no	no	https://www.kickstarter.com/projects/298560445/the-strange-case-of-heidi-jekyll	The Strange Case Of Heidi Jekyll	2016	Mar	No	No	0	1	0	378	32	
26	0.30 : 0.70 → yes	no	https://www.kickstarter.com/projects/1079008808/the-worlds-1st-subscription-box-for-premium-soy-ca	The World's 1st SUBSCRIPTION BOX for	2016	Mar	No	No	0	1	4	517	60	

				PREMIUM SOY CANDLES									
27	0.22 : 0.78 → yes	yes	https://www.kickstarter.com/projects/reframe/reframe-finishing-funds	REframe - Finishing Funds	2016	Apr	No	No	0	1	2	520	25
28	0.77 : 0.23 → no	no	https://www.kickstarter.com/projects/1625648039/destiny-bound	Destiny Bound	2016	Mar	No	No	1	0	0	252	13
29	0.70 : 0.30 → no	no	https://www.kickstarter.com/projects/161077050/phinformation	Phinformation (Canceled)	2016	Mar	No	No	0	1	2	59	24
30	0.97 : 0.03 → no	no	https://www.kickstarter.com/projects/1529030355/a-dating-and-social-app-for-transgender-and-gender	A dating & social app for transgender & gender fluid people	2016	Feb	No	No	0	1	0	499	67
31	0.82 : 0.17 → no	no	https://www.kickstarter.com/projects/1307790130/gym-meet-get-matched-with-a-workout-buddy	Gym Meet - get matched with a Workout Buddy	2016	Mar	No	No	0	1	0	335	43
32	1.00 : 0.00 → no	no	https://www.kickstarter.com/projects/1976514806/ime-connect-compete-repeat	IME - Connect. Compete. Repeat (Canceled)	2016	Mar	No	No	1	0	2	206	41
33	0.47 : 0.53 → yes	yes	https://www.kickstarter.com/projects/biemspray/the-biem-butter-sprayer	The bi\xc4\x93m Butter Sprayer	2016	Feb	No	No	1	0	0	660	30
34	1.00 : 0.00 → no	no	https://www.kickstarter.com/projects/1724614987/homemade-paracord-bracelets-and-key-rings	Homemade paracord bracelets and key rings	2016	Mar	No	No	1	0	0	456	41
35	0.34 : 0.66 → yes	yes	https://www.kickstarter.com/projects/1860136284/twistear-the-tangle-free-way	Twistear - the tangle-free way!	2016	Feb	No	No	1	0	0	159	31
36	1.00 : 0.00 → no	no	https://www.kickstarter.com/projects/467900183/millennial-coach	Millennial Coach	2016	Mar	No	No	0	1	0	514	16
37	1.00 : 0.00 → no	no	https://www.kickstarter.com/projects/1821651266/pan-tree	Pan-Tree	2016	Feb	No	No	1	0	0	292	8
38	0.95 : 0.05 → no	no	https://www.kickstarter.com/projects/858669769/bohemian-vintage-home-accessories-expansion	Bohemian/Vintage Home Accessories Expansion	2016	Mar	No	No	0	1	0	209	43
39	0.52 : 0.48 → no	yes	https://www.kickstarter.com/projects/agreyartistry/magnificent-marvelous-and-macabre-coloring-book	Magnificent Marvelous and Macabre Coloring Book	2016	Mar	No	No	0	1	0	329	47
40	0.30 : 0.70 → yes	no	https://www.kickstarter.com/projects/1897237271/lift-off-prints-needs-more-3d-printers	Lift Off Prints needs more 3D printers!	2016	Mar	No	No	0	1	0	294	39
41	0.43 : 0.57 → yes	no	https://www.kickstarter.com/projects/1290746572/twitter-power-search-twitter-management-app	Twitter Management Application - Twitter Power Search	2016	Mar	No	No	1	0	0	43	53
42	0.20 : 0.80 → yes	yes	https://www.kickstarter.com/projects/20614143/rebin-the-modern-alternative-to-traditional-recycl	RE.BIN: The Modern Alternative to Traditional Recycling	2016	Mar	No	No	0	1	0	479	55
43	1.00 : 0.00 → no	no	https://www.kickstarter.com/projects/ubergeekzone/foodme-rideshare-restaurant-delivery	FoodMe - Rideshare Restaurant Delivery	2016	Mar	No	No	1	0	0	491	38
44	0.47 : 0.53 → yes	yes	https://www.kickstarter.com/projects/1864803801/gamma-wallet-artist-series	Gamma Wallet - Artist Series+	2016	Feb	No	No	1	0	3	272	29
45	1.00 : 0.00 → no	no	https://www.kickstarter.com/projects/310973131/cigararsenal-humidors	CigarArsenal Humidors	2016	Mar	No	No	1	0	2	62	21
46	0.39 : 0.61 → yes	yes	https://www.kickstarter.com/projects/717858090/madam-mezmereldas-dark-steampunk-coloring-book-for	Madam Mezmerelda's Dark Steampunk Coloring Book for Adults	2016	Mar	No	No	0	1	0	498	62
47	0.23 : 0.77 → yes	yes	https://www.kickstarter.com/projects/845670884/salvation-salvacion	Salvation / La Sobreviviente	2016	Mar	No	No	0	1	2	500	28
48	0.60 : 0.40 → no	no	https://www.kickstarter.com/projects/dddmaterial/3d-printer-tungsten-premium-nozzle	3D Printer Tungsten Premium Nozzle (Canceled)	2016	Mar	No	No	1	0	2	213	45
49	1.00 : 0.00 → no	no	https://www.kickstarter.com/projects/1564344756/suite-organizer-easy-to-store-find-and-share-your	Suite Organizer: Easy to Store Find and Share Your Info	2016	Mar	No	No	1	0	0	487	56
50	0.00 : 1.00 → yes	yes	https://www.kickstarter.com/projects/73172163/hemel-classic-military-watches-for-the-modern-gent	Hemel - Classic Military Watches for the Modern Gentleman	2016	Mar	No	No	1	0	0	501	57
51	0.10 : 0.90 → yes	yes	https://www.kickstarter.com/projects/1124647640/pys-a-cooler-way-to-protect-your-webcam	PYS - A Cooler Way To Protect Your Webcam	2016	Mar	No	No	1	0	0	297	41
52	0.97 : 0.03 → no	no	https://www.kickstarter.com/projects/1342813851/trainme-llc	TrainMe LLC	2016	Mar	No	No	1	0	0	502	11
53	0.23 : 0.77 → yes	yes	https://www.kickstarter.com/projects/1375843036/the-fat-one-season-2-0	The Fat One Season 2	2016	Apr	No	No	0	1	0	499	20
54	0.59 : 0.41 → no	yes	https://www.kickstarter.com/projects/997038545/dragon-ininitus-bamboo-prints	Drakon Ininitus Bamboo Prints	2016	Mar	No	No	0	1	0	524	30
55	0.55 : 0.45 → no	yes	https://www.kickstarter.com/projects/1240982104/smartpi-turn-your-raspberry-pi-into-a-smartmeter	SmartPi - Turn your Raspberry Pi into a SmartMeter	2016	Feb	No	No	0	1	0	581	50
56	0.71 :	no	https://www.kickstarter.com/projects/1103875596/nvc-a-nodejs	NVC - A NodeJS	2016	Mar	No	No	0	1	0	13	40

	0.29 : no → no		framework-just-like-rails	framework just like Rails										
57	0.22 : 0.78 → yes	no	https://www.kickstarter.com/projects/tobe-seife/chakra-schutzengel-seife-guardian-angel-soap	Chakra Schutzengel Seife / Guardian Angel Soap	2016	Mar	No	No	1	0	0	667	46	
58	1.00 : 0.00 → no	no	https://www.kickstarter.com/projects/717142223/baggage-handlers	baggage handlers	2016	Feb	No	No	1	0	0	251	16	
59	0.97 : 0.03 → no	no	https://www.kickstarter.com/projects/247607794/groogr	GROOGR	2016	Mar	No	No	1	0	0	668	6	
60	0.37 : 0.63 → yes	yes	https://www.kickstarter.com/projects/manostudios/the-glassworker-an-animated-film-directed-by-usman-riaz	The Glassworker - An Animated Film Directed by Usman Riaz	2016	Feb	No	No	0	1	0	208	57	
61	0.90 : 0.10 → no	no	https://www.kickstarter.com/projects/koorier/koorier-new-delivery-and-ride-share-app	Koorier - New Delivery and Ride-Share App (Canceled)	2016	Feb	No	No	1	0	4	215	52	
62	0.90 : 0.10 → no	no	https://www.kickstarter.com/projects/activeinvesting/the-d-screen-project	The D Screen Project	2016	Mar	No	No	0	1	2	507	20	
63	0.97 : 0.03 → no	no	https://www.kickstarter.com/projects/1117866553/mymusicc-free-online-worldwide-unlimited-music-storage	MyMusi.cc: Free Online Worldwide Unlimited Music Storage	2016	Feb	No	No	1	0	0	292	60	
64	1.00 : 0.00 → no	no	https://www.kickstarter.com/projects/435244733/localeyes	LocalEyes	2016	Mar	No	No	1	0	0	505	9	
65	0.62 : 0.38 → no	yes	https://www.kickstarter.com/projects/255192023/bartschland	@Bartschland	2016	May	No	No	0	1	0	385	12	
66	0.20 : 0.80 → yes	yes	https://www.kickstarter.com/projects/1248279881/trekkers-beard-oil-and-mens-grooming-co	Trekker's Beard Oil & Men's Grooming Co.	2016	Mar	No	No	1	0	0	498	52	
67	0.02 : 0.98 → yes	yes	https://www.kickstarter.com/projects/theblackwolf/black-wolf-a-dark-and-ominous-short-film	Black Wolf - A period psychological horror film	2016	Mar	No	No	0	1	0	58	47	
68	0.68 : 0.32 → no	no	https://www.kickstarter.com/projects/1349408487/team-fastpad	Team FastPad	2016	Mar	No	No	1	0	0	502	12	
69	0.42 : 0.58 → yes	yes	https://www.kickstarter.com/projects/767091112/spirits-of-the-forest-magnolia-plush-toys-by-sprit	Spirits of the Forest and Sea Plush Toys by Spritelings	2016	Apr	No	No	1	0	4	500	55	
70	0.72 : 0.28 → no	no	https://www.kickstarter.com/projects/616586186/brozy-a-university-based-grocery-delivery-service	BROZY- A university-based grocery delivery service	2016	Mar	No	No	0	1	2	423	50	
71	0.43 : 0.57 → yes	no	https://www.kickstarter.com/projects/1871139013/acorn-to-arabella-journey-of-a-wooden-boat	Acorn to Arabella: Journey of a Wooden Boat	2016	Apr	No	No	1	0	0	535	43	
72	0.32 : 0.68 → yes	yes	https://www.kickstarter.com/projects/1710326172/boostick-small-aa-voltage-booster	BooStick - small AA voltage booster	2016	Mar	No	No	1	0	0	140	35	
73	1.00 : 0.00 → no	no	https://www.kickstarter.com/projects/1622775028/new-mobile-app-for-monogomous-dating	New Mobile App for Monogomous Dating	2016	Feb	No	No	0	1	0	144	36	
74	0.84 : 0.16 → no	no	https://www.kickstarter.com/projects/1233788194/free-coding-lesson-in-sydney	Free Coding Lesson in Sydney	2016	Feb	No	No	1	0	0	513	28	
75	0.75 : 0.25 → no	yes	https://www.kickstarter.com/projects/blacksmith1/the-community-black-smith	The community Black smith	2016	Mar	No	No	0	1	0	306	25	
76	0.85 : 0.15 → no	no	https://www.kickstarter.com/projects/jwkerr/the-lovestory-app	The LoveStory App (Canceled)	2016	Mar	No	No	1	0	0	333	28	
77	0.24 : 0.76 → yes	yes	https://www.kickstarter.com/projects/hackenchip/solarboost-make-your-own-usb-solar-mobile-charger	SolarBoost - Make Your Own USB Solar Mobile Charger	2016	Mar	No	No	1	0	0	438	51	
78	0.66 : 0.34 → no	no	https://www.kickstarter.com/projects/unlost/unlost	Unlost (Canceled)	2016	Feb	No	No	0	1	0	398	17	
79	0.82 : 0.18 → no	yes	https://www.kickstarter.com/projects/1250956149/semplacer-accueil-des-nouveaux-arrivants-par-lart	S'emplacer Accueil des nouveaux arrivants par l'art actuel	2016	Mar	No	No	1	0	0	606	68	
80	1.00 : 0.00 → no	no	https://www.kickstarter.com/projects/372408661/lmo-crochet-studio	LMO Crochet Studio	2016	Mar	No	No	0	1	0	290	18	
81	0.90 : 0.10 → no	no	https://www.kickstarter.com/projects/522103154/kenby-revolutionary-social-app	Kenby: Revolutionary Social App (Canceled)	2016	Mar	No	No	0	1	0	66	42	
82	1.00 : 0.00 → no	no	https://www.kickstarter.com/projects/1869693890/infurno-cruelty-free-app-help-animals-choose-cruel	inFURno! Cruelty Free App - Help Animals CHOOSE Cruelty Free	2016	Mar	No	No	1	0	0	502	60	
83	1.00 : 0.00 → no	no	https://www.kickstarter.com/projects/1915693377/nueva-serie-de-pinturas-obras-en-gran-formato	Nueva serie de pinturas (obras en gran formato) (Canceled)	2016	Mar	No	No	0	1	0	626	58	
84	0.12 : 0.88 → yes	yes	https://www.kickstarter.com/projects/cupholderonthego/freehand-travel	FreeHand Travel	2016	Mar	No	No	0	1	3	505	15	
85	0.10 : 0.90 →	yes	https://www.kickstarter.com/projects/386997744/your-modern-girl-intelligent-dolls-for-todays-girl	Your Modern Girl: Intelligent dolls for	2016	Mar	No	No	1	0	0	505	56	

	yes				today's girl									
86	0.35 : 0.65 → yes	no	https://www.kickstarter.com/projects/53383581/fun-in-the-pool-and-the-beach-24-hours-a-day-of	DIVERSI\x3\x93N SIN FIN EN LA PISCINA Y LA PLAYA ADULTOS Y NI\x3\x91OS	2016	Apr	No	No	1	0	2	0	73	
87	0.27 : 0.73 → yes	yes	https://www.kickstarter.com/projects/936485224/pursuing-the-monarch	Pursuing The Monarchs	2016	Mar	No	No	1	0	0	500	21	
88	0.40 : 0.60 → yes	no	https://www.kickstarter.com/projects/1417522762/e-commerce-video-listing-and-crowd-funding	E-Commerce - Video Listing and Crowd Funding	2016	Mar	No	No	0	1	0	507	44	
89	0.07 : 0.93 → yes	yes	https://www.kickstarter.com/projects/822919879/reverie-2	Reverie - a short period film	2016	Mar	No	No	1	0	0	529	29	
90	1.00 : 0.00 → no	no	https://www.kickstarter.com/projects/1877287052/4th-wall-cosplay	4th Wall Cosplay	2016	Feb	No	No	1	0	0	497	16	
91	0.90 : 0.10 → no	no	https://www.kickstarter.com/projects/961385978/black-artery-studios-funding	Manga Studio Funding	2016	Feb	No	No	1	0	0	505	20	
92	0.55 : 0.45 → no	yes	https://www.kickstarter.com/projects/1060627644/historic-50-caliber-pen	Historic 50 Caliber Pen	2016	Apr	No	No	1	0	3	482	23	
93	0.15 : 0.85 → yes	yes	https://www.kickstarter.com/projects/978710519/moonbeam-hand-dyed-hammocks-and-adventure-goods	The Moonbeam Hand-Dyed Adventure Hammock - In 17 Colors!	2016	Mar	No	No	0	1	0	516	56	
94	0.93 : 0.07 → no	no	https://www.kickstarter.com/projects/cooltv/clickvideo-shop	CLICKVIDEO SHOP	2016	Mar	No	No	1	0	0	537	15	
95	1.00 : 0.00 → no	no	https://www.kickstarter.com/projects/281712162/angie-watts-natural-body-butter	Angie Watts Natural Body Butter	2016	Feb	No	No	1	0	0	514	31	
96	0.83 : 0.17 → no	no	https://www.kickstarter.com/projects/366127033/a-social-network-and-an-online-guide-for-rare-dise	A social network and an online guide for rare diseases	2016	Mar	No	No	1	0	0	506	54	
97	0.26 : 0.74 → yes	yes	https://www.kickstarter.com/projects/1526345113/the-mark	The Mark A Psychological Thriller Short Film	2016	Mar	No	No	0	1	0	492	45	
98	0.24 : 0.76 → yes	no	https://www.kickstarter.com/projects/818186207/shontell	Sho'NTell	2016	Feb	No	No	0	1	0	39	18	
99	1.00 : 0.00 → no	no	https://www.kickstarter.com/projects/711810944/mooc-organization-skills-101-for-adults-with-adhd	MOOC: Organization skills 101 for Adults with ADHD/ADD	2016	Mar	No	No	1	0	0	419	54	
100	0.19 : 0.81 → yes	yes	https://www.kickstarter.com/projects/cowgirllem/once-upon-a-picture	Once Upon a Picture	2016	Apr	No	No	0	1	0	285	19	
+ 148 more														

Scores

Model	AUC	CA	F1	Precision	Recall
Random Forest	0.914	0.833	0.834	0.834	0.833

according to AUC we have a good model.

Confusion Matrix

Sat Oct 03 20, 19:08:05

Confusion matrix for Random Forest (showing number of instances)

		Predicted		
Actual		no	yes	Σ
	no	181	30	211
	yes	28	109	137
	Σ	209	139	348

in Confusion Matrix we can see good result