

Q 1

a) Top 25 Teams :

\*\*\*\*\* t = 10 \*\*\*\*\*

- (1, 441, 'NW Missouri St')
- (2, 371, 'Mary Hardin-Baylor')
- (3, 6, 'Alabama')
- (4, 674, 'UW-Whitewater')
- (5, 669, 'UW-Oshkosh')
- (6, 134, 'Clemson')
- (7, 248, 'Grand Valley St')
- (8, 609, 'St Thomas')
- (9, 466, 'North Dakota St')
- (10, 95, 'California PA')
- (11, 527, 'Reinhardt')
- (12, 599, 'St Francis IN')
- (13, 15, 'Alfred')
- (14, 49, 'Baker')
- (15, 390, 'Michigan')
- (16, 464, 'North Central')
- (17, 490, 'Ohio State')
- (18, 364, 'Marian IN')
- (19, 565, 'Shepherd')
- (20, 300, 'James Madison')
- (21, 705, 'Washington')
- (22, 220, 'Florida St')
- (23, 650, 'Trinity CT')
- (24, 303, 'Johns Hopkins')
- (25, 231, 'Frostburg St')

\*\*\*\*\* t = 100 \*\*\*\*\*

- (1, 6, 'Alabama')
- (2, 134, 'Clemson')
- (3, 441, 'NW Missouri St')
- (4, 674, 'UW-Whitewater')
- (5, 371, 'Mary Hardin-Baylor')
- (6, 248, 'Grand Valley St')
- (7, 669, 'UW-Oshkosh')
- (8, 609, 'St Thomas')
- (9, 390, 'Michigan')
- (10, 490, 'Ohio State')
- (11, 705, 'Washington')

(12, 95, 'California PA')  
(13, 364, 'Marian IN')  
(14, 220, 'Florida St')  
(15, 322, 'LSU')  
(16, 352, 'Louisville')  
(17, 599, 'St Francis IN')  
(18, 37, 'Auburn')  
(19, 752, 'Wisconsin')  
(20, 211, 'Ferris St')  
(21, 629, 'Tennessee')  
(22, 216, 'Florida')  
(23, 507, 'Penn State')  
(24, 691, 'Virginia Tech')  
(25, 466, 'North Dakota St')

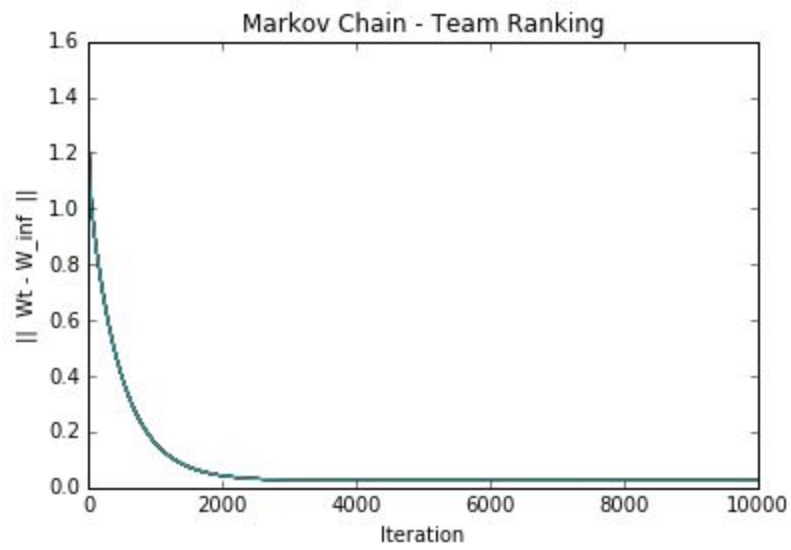
\*\*\*\*\* t = 1000 \*\*\*\*\*

(1, 6, 'Alabama')  
(2, 134, 'Clemson')  
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(6, 705, 'Washington')  
(7, 220, 'Florida St')  
(8, 352, 'Louisville')  
(9, 322, 'LSU')  
(10, 37, 'Auburn')  
(11, 752, 'Wisconsin')  
(12, 629, 'Tennessee')  
(13, 216, 'Florida')  
(14, 507, 'Penn State')  
(15, 691, 'Virginia Tech')  
(16, 275, 'Houston')  
(17, 653, 'Troy')  
(18, 634, 'Texas A&M')  
(19, 495, 'Oklahoma St')  
(20, 493, 'Oklahoma')  
(21, 248, 'Grand Valley St')  
(22, 582, 'Southern Cal')  
(23, 512, 'Pittsburgh')  
(24, 240, 'Georgia')  
(25, 628, 'Temple')

\*\*\*\*\* t = 10000 \*\*\*\*\*

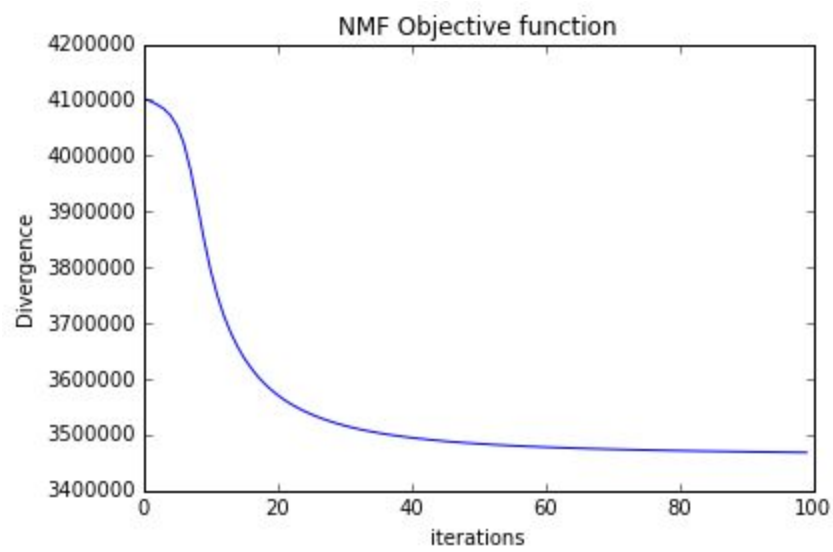
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(18, 634, 'Texas A&M')  
(19, 495, 'Oklahoma St')  
(20, 493, 'Oklahoma')  
(21, 582, 'Southern Cal')  
(22, 512, 'Pittsburgh')  
(23, 240, 'Georgia')  
(24, 628, 'Temple')  
(25, 723, 'West Virginia')

b)



Q 2)

a)



b)

Topic-1	Topic-2	Topic-3	Topic-4	Topic-5
game 0.0238	building 0.0249	problem 0.0106	government 0.017	drug 0.0235
play 0.0191	city 0.0175	driver 0.0092	states 0.0163	doctor 0.0155
team 0.0184	build 0.0163	car 0.0092	american 0.0151	health 0.015
win 0.0164	house 0.0145	system 0.0082	country 0.0145	medical 0.0136
player 0.0155	area 0.0136	safety 0.008	leader 0.0137	study 0.0132
season 0.0151	project 0.0119	water 0.0075	military 0.0123	patient 0.0126
second 0.0134	site 0.0118	clean 0.0073	official 0.0118	treatment 0.0116
victory 0.0097	space 0.0111	cause 0.0066	political 0.0087	report 0.0101
point 0.0087	construction 0.0102	control 0.0062	peace 0.0082	cause 0.0096
score 0.0086	resident 0.0097	plant 0.0062	international 0.008	hospital 0.0096
Topic-6	Topic-7	Topic-8	Topic-9	Topic-10
thing 0.0131	art 0.0238	percent 0.0272	editor 0.0198	student 0.0309
man 0.0107	artist 0.0163	rate 0.0153	article 0.0118	school 0.0239
tell 0.0107	museum 0.0099	market 0.0137	american 0.0092	computer 0.0155
ask 0.01	collection 0.0093	rise 0.0136	world 0.0078	program 0.0139
feel 0.0093	film 0.0092	price 0.0128	public 0.0063	college 0.0126
lot 0.0091	photograph 0.0089	stock 0.0108	writer 0.0062	information 0.0124
wear 0.009	exhibition 0.0087	bank 0.0098	great 0.0061	class 0.0121
woman 0.0083	image 0.0076	fall 0.0097	history 0.0061	system 0.0107
sit 0.0081	painting 0.0074	economy 0.0096	society 0.0054	teacher 0.0089
young 0.0079	feature 0.0071	report 0.0087	americans 0.0054	university 0.0088
Topic-11	Topic-12	Topic-13	Topic-14	Topic-15
war 0.0172	city 0.0171	life 0.0189	company 0.0464	sell 0.0342
fight 0.0134	state 0.0148	write 0.0143	executive 0.0243	buy 0.024
force 0.0111	service 0.0135	book 0.0136	business 0.0153	sale 0.0223
land 0.0088	program 0.0127	story 0.0122	president 0.015	store 0.0204
fly 0.0079	money 0.0123	man 0.0114	chief 0.0137	price 0.0192
keep 0.0068	worker 0.012	family 0.0102	industry 0.0109	company 0.0153
away 0.0067	pay 0.0115	woman 0.0097	share 0.0107	market 0.0121
world 0.0065	community 0.0111	child 0.0095	network 0.0094	business 0.011
air 0.0063	job 0.0109	character 0.0092	chairman 0.0092	customer 0.0103
plane 0.0063	local 0.0109	love 0.0092	service 0.009	states 0.0091
Topic-16	Topic-17	Topic-18	Topic-19	Topic-20
campaign 0.0196	food 0.0182	color 0.0077	police 0.0286	question 0.0114
vote 0.0194	restaurant 0.0111	ride 0.0071	kill 0.0206	concern 0.0087
political 0.0185	serve 0.0111	light 0.0069	official 0.0148	add 0.0086
republican 0.0148	fresh 0.0102	mile 0.0066	officer 0.0148	issue 0.0078
candidate 0.0143	taste 0.0096	small 0.0065	man 0.0137	different 0.0072
party 0.014	eat 0.0089	green 0.0063	fire 0.0132	change 0.0068
election 0.0139	cook 0.0082	tree 0.006	attack 0.0124	view 0.0067
democratic 0.0117	oil 0.008	place 0.0059	report 0.0102	result 0.0065
leader 0.0106	dry 0.0078	red 0.0059	city 0.0099	director 0.0064
state 0.0097	add 0.0078	foot 0.0054	shoot 0.0093	support 0.0062
Topic-21	Topic-22	Topic-23	Topic-24	Topic-25
father 0.0502	plan 0.014	job 0.0169	case 0.0193	music 0.0226
mrs 0.0489	proposal 0.0132	contract 0.0135	lawyer 0.0175	play 0.0172
son 0.046	propose 0.0131	ask 0.0129	court 0.0171	performance 0.0134
graduate 0.0333	official 0.0113	tell 0.0121	charge 0.0152	audience 0.011
daughter 0.0322	bill 0.0102	sign 0.012	law 0.0149	sound 0.0109
mother 0.0311	state 0.01	deal 0.0112	judge 0.011	song 0.0097
retire 0.0267	budget 0.0097	meeting 0.0094	legal 0.0098	stage 0.0096
marry 0.0229	government 0.0097	return 0.0089	investigation 0.0087	perform 0.0087
president 0.0229	cut 0.0096	yesterday 0.0075	trial 0.0086	dance 0.0083
receive 0.0207	require 0.0091	manager 0.0073	official 0.0082	production 0.0082