title: “Vizualizing Subsets” author: “Pinak Nayak” output: pdf\_document —:

# Data ----  
  
#Seasons  
Seasons <- c("2005","2006","2007","2008","2009","2010","2011","2012","2013","2014")  
  
#Players  
Players <- c("KobeBryant","JoeJohnson","LeBronJames","CarmeloAnthony","DwightHoward","ChrisBosh","ChrisPaul","KevinDurant","DerrickRose","DwayneWade")  
  
#Minutes Played  
KobeBryant\_MP <- c(3277,3140,3192,2960,2835,2779,2232,3013,177,1207)  
JoeJohnson\_MP <- c(3340,2359,3343,3124,2886,2554,2127,2642,2575,2791)  
LeBronJames\_MP <- c(3361,3190,3027,3054,2966,3063,2326,2877,2902,2493)  
CarmeloAnthony\_MP <- c(2941,2486,2806,2277,2634,2751,1876,2482,2982,1428)  
DwightHoward\_MP <- c(3021,3023,3088,2821,2843,2935,2070,2722,2396,1223)  
ChrisBosh\_MP <- c(2751,2658,2425,2928,2526,2795,2007,2454,2531,1556)  
ChrisPaul\_MP <- c(2808,2353,3006,3002,1712,2880,2181,2335,2171,2857)  
KevinDurant\_MP <- c(1255,1255,2768,2885,3239,3038,2546,3119,3122,913)  
DerrickRose\_MP <- c(1168,1168,1168,3000,2871,3026,1375,0,311,1530)  
DwayneWade\_MP <- c(2892,1931,1954,3048,2792,2823,1625,2391,1775,1971)  
#Matrix  
MinutesPlayed <- rbind(KobeBryant\_MP, JoeJohnson\_MP, LeBronJames\_MP, CarmeloAnthony\_MP, DwightHoward\_MP, ChrisBosh\_MP, ChrisPaul\_MP, KevinDurant\_MP, DerrickRose\_MP, DwayneWade\_MP)  
rm(KobeBryant\_MP, JoeJohnson\_MP, CarmeloAnthony\_MP, DwightHoward\_MP, ChrisBosh\_MP, LeBronJames\_MP, ChrisPaul\_MP, DerrickRose\_MP, DwayneWade\_MP, KevinDurant\_MP)  
colnames(MinutesPlayed) <- Seasons  
rownames(MinutesPlayed) <- Players  
  
# Vizualizing Subsets ----  
  
  
Data <- MinutesPlayed[1:3,]  
  
matplot(t(Data), type="b", pch=15:18, col=c(1:4,6))  
legend("bottomleft", inset=0.01, legend=Players[1:3],col=c(1:4,6),pch=15:18, horiz=F)

