

J1.1.4.R

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```
library(tidyr)
library(ggplot2)
#faili sisselugemine ja andmete formaadi korrigeerimine
J114=read.csv("PT1-T1.1-J1.1.4.csv",header=TRUE, encoding ="UTF-8")
J114=na.omit(J114)
names(J114)=c("Aasta", "Õppur", "Töötaja", "Pensionär", "Töötu")
J114=pivot_longer(J114,col=names(J114[,2:5]),"Grupp")

#joonis
ggplot(J114)+
  geom_line(aes(x=Aasta,y=value,col=Grupp), linewidth=1.5)+
  scale_color_manual(values=c("#6666CC", "#FF3600", "#8FA300", "#4DB3D9"),breaks=c("Õppur", "Töötaja", "Pens
  scale_x_continuous(breaks=(unique(J114$Aasta)))+
  scale_y_continuous(breaks=c(0,25,50,75,100),limits=c(0,100))+
  ylab("Eluga pigem rahul olevate inimeste %")+
  theme_minimal()+
  theme(text = element_text(color="#668080"),axis.text=element_text(color="#668080"))+
  theme(legend.title=element_blank())
```

