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Auto <- read.csv("Auto.csv") head(Auto) Autohorsepower <- as.numeric(horsepower) Autohorsepower
<- as.numeric(Autohorsepower) Auto <- na.omit(Auto) str(Auto) fit <- lm(mpg ~ horsepower, data =
Auto) summary(fit) predict(fit, newdata = data.frame(horsepower = 98)) predict(fit, +newdata =
data.frame(horsepower = 98), +interval = "confidence", +level = 0.95) predict(fit, +newdata =
data.frame(horsepower = 98), +interval = "prediction", +level = 0.95) plot(Autohorsepower, Auto$mpg,
+ xlab= "Horsepower", + ylab= "mpg", + main= "MPG vs Horsepower") abline(fit, col='red', lwd=2)
par(mfrow = c(2,2)) plot(fit)

```