

Johns Hopkins University Data Science Capstone

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Contents

Appendix: All Source Code

2

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```
# set a seed in case we use any random values
set.seed(1337)

# Set the names of the packages and libraries you want to install
required_libraries <- c("ggplot2")

# Install missing packages and load all required libraries
options(repos = c(CRAN = "https://cran.r-project.org"))

for (lib in required_libraries) {
  if (!requireNamespace(lib, quietly = TRUE)) {
    install.packages(lib)
  }
  library(lib, character.only = TRUE)
}
```