Answers

6. A, D, E, H, I

7. C

8. D

9. E

10. C

11. B, I, J

12.

> mmdata <- read.csv("hw1\_data.csv")

> mmdata[1:2,]

Ozone Solar.R Wind Temp Month Day

1 41 190 7.4 67 5 1

2 36 118 8.0 72 5 2

13. C

nrow(mmdata)

[1] 153

14. D

> mmdata[47,]

Ozone Solar.R Wind Temp Month Day

47 21 191 14.9 77 6 16

15. A

> sum(is.na(mmdata[,"Ozone"]))

[1] 37

16. A

> mean(mmdata[,"Ozone"],na.rm = TRUE)

[1] 42.12931

17. B

> max(mmdata[mmdata["Month"] == 5,"Ozone"],na.rm = TRUE)

[1] 115

18. B

19. D

20. A

21. B

22. A

23. B

24. D

25. B

26. B

27. A

28. 6

> mean(iris[,"Sepal.Length"])

[1] 5.843333

29. E

> apply(iris[,1:4],2,mean)

Sepal.Length Sepal.Width Petal.Length Petal.Width

5.843333 3.057333 3.758000 1.199333

30. 34