STRINGFEST ANALYTICS

30 Days to Data Analyst

1 What Does a Data Analyst Do?
https://www.rasmussen.edu/degrees/
technology/blog/what-does-a-data-analyst-do/ ☐

2 Hans Rosling's 200 Countries, 200 Years, 4 Minutes
https://youtu.be/jbkSRLYSojo ☐

3 Install PostgreSQL and pgAdmin
https://www.enterprisedb.com/downloads/
postgresql ☐

4 Install R and RStudio
https://rstudio-education.github.io/hopr/
starting.html ☐

5 Excel Cell Reference: Absolute, Relative or Mixed?
https://www.xelplus.com/excel-cell-references/ ☐

6 VLOOKUP() Example Explained at Starbucks
https://www.excelcampus.com/functions/excel-
vlookup-explained/ ☐

7 Create Your First Pivot Table in 5 Minutes
https://www.myspreadsheetlab.com/create-your
-first-pivot-table-in-5-minutes/ ☐

8 Excel vs SQL: A Conceptual Comparison
https://towardsdatascience.com/excel-vs-sql-a-
conceptual-comparison-dcfbee640c83 ☐

9 How to Select the Right Chart Type
https://www.youtube.com/watch?v=FmtpzxJ3L3U ☐

10 "Really bad PowerPoint" by Seth Godin
http://www.wendelberger.com/downloads/
ReallyBadPowerpoint.pdf ☐

11 Introduction to Excel Tables
https://youtu.be/Du73CPqWGQw ☐

12 SQL SELECT queries 101
https://sqlbolt.com/lesson/
select_queries_introduction ☐

13 Sorting and Filtering in SQL
https://sqlbolt.com/lesson/
filtering_sorting_query_results ☐

14 Excel Spreadsheet Documentation - Best Prac-
tices - Excel Tips
https://www.youtube.com/watch?
v=dEyCYgYPoJg ☐

15 A Tour of Rstudio
https://georgejmount.com/tourofrstudio/ ☐

16 R Packages Explained for Excel Users
https://georgejmount.com/rpackagesexplained/ ☐

17 R Explained for Excel Users: What is a Directory?
https://georgejmount.com/r-explained-for-excel-
users-working-with-directories/ ☐

18 Read Excel Files readxl
https://readxl.tidyverse.org ☐

19 Construct and Index a Vector in R
https://www.datamentor.io/r-programming/
vector/ ☐

20 R Tutorial - Using the Data Frame in R
https://www.youtube.com/watch?v=9f2g7RN5N0I ☐

21 Introduction to dplyr
https://cran.r-project.org/web/packages/dplyr/
vignettes/dplyr.html ☐

22 SQL Queries with Aggregates
https://sqlbolt.com/lesson/
select_queries_with_aggregates ☐

23 Introduction to Tableau Public
http://dh101.humanities.ucla.edu/?page_id=163 ☐

24 "Why Most Dashboards Fail" by Stephen Few
https://www.perceptualedge.com/articles/misc/
WhyMostDashboardsFail.pdf ☐

25 Basic Plots in R
https://hbctraining.github.io/Intro-to-R/lessons/
basic_plots_in_r.html ☐

26 Tableau Dashboard Tips [Top 10 Tableau
Dashboard Design Tips]
https://youtu.be/Lu0jrymqOGM ☐

27 Merging Data with the 6 Joins in Power Query:
Inner Join, Outer Joins and Anti-Joins Explained
https://youtu.be/BV3srtI20Bo ☐

28 Introduction to SQL Joins
https://www.datacamp.com/community/tutorials/
introduction-to-sql-joins ☐

29 Merging Datasets in R
https://www.datacamp.com/community/tutorials/
merging-datasets-r ☐

30 What to Ask at Your Next Data Job Interview
https://georgejmount.com/5-questions-to-ask-
before-taking-that-analyst-job/ ☐