

# Reproducible Research Notes

Coursera Course by John Hopkins University

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## Intro

## Concepts, Ideas, & Structure

Concepts and Ideas (Part 1)

Concepts and Ideas (Part 2)

Concepts and Ideas (Part 3)

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Scripting Your Analysis

Structure of a Data Analysis (Part 1)

Structure of a Data Analysis (Part 2)

Organizing Your Analysis

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Quiz 1

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## Markdown & knitr

### Coding Standards in R

#### Markdown

#### R Markdown

#### R Markdown Demo

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knitr (Part 1)

knitr (Part 2)

knitr (Part 3)

knitr (Part 4)

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### Quiz 2

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## Course Project 1

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## Reproducible Research Checklist & Evidence-based Data Analysis

### Communicating Results

#### R Pubs

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Reproducible Research Checklist (Part 1)

Reproducible Research Checklist (Part 2)

Reproducible Research Checklist (Part 3)

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Evidence-based Data Analysis (Part 1)

Evidence-based Data Analysis (Part 2)

Evidence-based Data Analysis (Part 3)

Evidence-based Data Analysis (Part 4)

Evidence-based Data Analysis (Part 5)

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## Case Studies & Commentaries

Caching Computations

Case Study: Air Pollution

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Case Study: High Throughput Biology

Commentaries on Data Analysis

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## Course Project 2

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