DSP_DNS_Book

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Preface

This is a Quarto book.

To learn more about Quarto books visit https://quarto.org/docs/books.

```r
1 + 1
```

```
[1] 2
```

```r
13 / 3
```

```
[1] 4.333333
```

Test test 123

Wprowadzenie

Cel dokumentu

Zakres systemu

Definicje, akronimy, skróty

Dokumenty referencyjne

Odbiorcy dokumentu

This is a template for a simple Quarto book output to html, PDF or docx format. It includes a GitHub Action that will build the website automatically when you make changes to the files. The NOAA palette and fonts has been added to theme.scss. The webpage will be on the gh-pages branch. Serving the website files from this branch is a common way to keep all the website files from cluttering your main branch

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> **i** Uwaga
>
> To jest przykładowy callout w sekcji bocznej.

This is a templateThis is a templateThis is a template for a simple Quartofor a simple Quartofor a simple Quarto book output to html,book output to html,book output to html, PDF or docx for PDF or docx for PDF or docx format. It includes amat. It includes amat. It includes a GitHub Action thatGitHub Action thatGitHub Action that will build the websitewill build the websitewill build the website automatically whenautomatically whenautomatically when you make changesyou make changesyou make changes to the files. Theto the files. Theto the files. The NOAA palette andNOAA palette andNOAA palette and fonts has been addedfonts has been addedfonts has been added to theme.scss. Theto theme.scss. Theto theme.scss. The webpage will be onwebpage will be onwebpage will be on the gh-pages branch,the gh-pages branch,the gh-pages branch. Serving the websiteServing the websiteServing the website files from this branchfiles from this branchfiles from this branch is a common way tois a common way tois a common way to keep all the websitekeep all the websitekeep all the website files from clutteringfiles from clutteringfiles from cluttering your main branch your main branch your main branch

fruit	price
apple	2.05
pear	1.37
orange	3.09

Table 1: Fruit prices

Grid tables

Bardziej zaawansowany typ np dodatkowe paragrafy, bloki kodu, listy

Fruit	Price	Advantages
Bananas	$1.34	- built-in wrapper - bright color
Oranges	$2.10	- cures scurvy - tasty

Link do 2 pages

intro

Funckje jakie oczekuje od końcowego rozwiązania:

- Output do: PDF, DOCX, HTML

- Github Actions that will build website automatically when I make changes to the files

- Obsługa diagramów

- Konfigruacja pełna layoutu np. wygląd, czcionki poprzez theme.csss

- Templates dla

1 Introduction

This is a book created from markdown and executable code.

See Knuth (1984) for additional discussion of literate programming.

```
1 + 1
```

```
[1] 2
```

1.1 Rozdział kolejny

Test

Col1	Col2	Col3
1	2	3
1	2	3
3	3	3

1.2 Rozdział drugi

Drugi rozdział

1.2.1 Trzeci podrozdział

Trzeci itd.. You can also do this on a per-format basis (if for example you want to provide a higher resolution image for EPUB and a lower resolution image for HTML to reduce download time). For example:

By "right format", we mean that the data is tidy, and ready to be summarised and graphed.

Quarto Pub is a free publishing service for content created with Quarto. Quarto Pub is ideal for blogs, course or project websites, books, presentations, and personal hobby sites.

It's important to note that all documents and sites published to Quarto Pub are publicly visible. You should only publish content you wish to share publicly.

> 🔥 Caution
>
> Tu znajduje się zwijana sekcja w boxie callout typu caution

> 💡 Tip
>
> Altair is based on Vega-Lite, a high-level grammar of interactive graphics

Właściwe linki i tu przykładowy odnośnik do mojej [[books]] książek

> ℹ️ Note
>
> A tu znajduje się callout note

> Cytacik lub wcięcie takie coś...

If you haven't published to Quarto Pub before, the publish command will prompt you to authenticate. After confirming that you want to publish, your content will be rendered and deployed, and then a browser opened to view your site.

A jeśli chcemy umieścić kod to możemy to zrobić przy użyciu takiej dyrektywy jak poniżej. Może być ona też zwijana i rozwijana. To się określa w konigu yaml/

```r
library(tidyverse)
penguins <- read.csv('https://raw.githubusercontent.com/rfordatascience/tidytuesday/master/data
  drop_na()
head(penguins)
```

      species   island bill_length_mm bill_depth_mm flipper_length_mm body_mass_g

```
1  Adelie Torgersen                39.1        18.7              181          3750
2  Adelie Torgersen                39.5        17.4              186          3800
3  Adelie Torgersen                40.3        18.0              195          3250
4  Adelie Torgersen                36.7        19.3              193          3450
5  Adelie Torgersen                39.3        20.6              190          3650
6  Adelie Torgersen                38.9        17.8              181          3625
      sex year
1   male 2007
2 female 2007
3 female 2007
4 female 2007
5   male 2007
6 female 2007
```

We've removed missing values here, which means that the data has 333 rows now[^1]. Ten indeks górny przypis ^1 coś nie chce zabanglać

If you have an existing Quarto Pub site that you want to publish to, you should manually create a _publish.yml file that looks like the example above, but with the appropriate id and url values for your site.
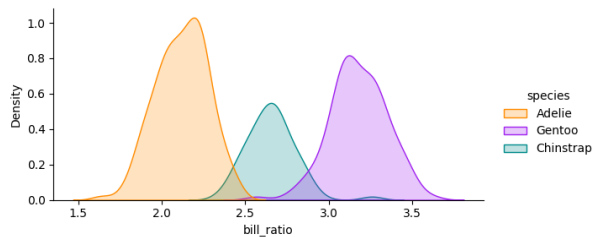

Figure 1.1: Właściwy opis wykresu

1.2.2 Podział na dwie kolumny

Poniżej demo jak podzielić przestrzeń na 2 kolumny

The average bill length is 43.9927928 mm and the average bill depth is 17.1648649 mm.

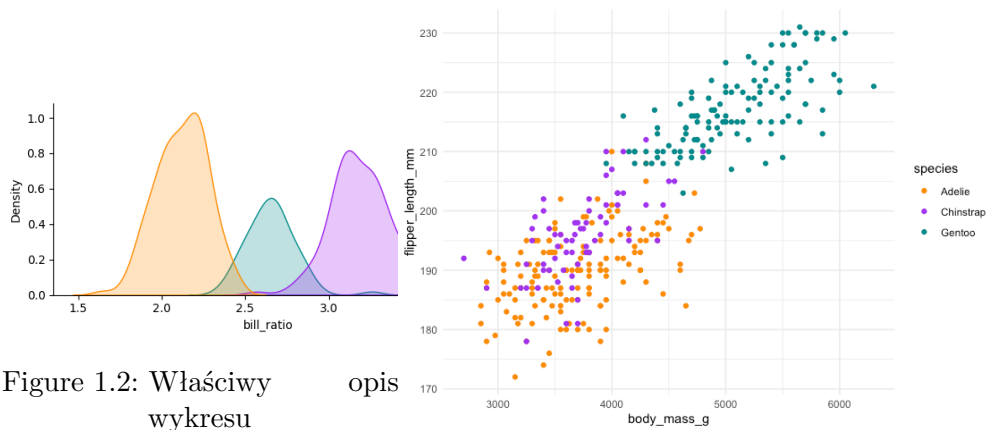The data was collected between 2007 and 2009

Figure 1.2: Właściwy   opis
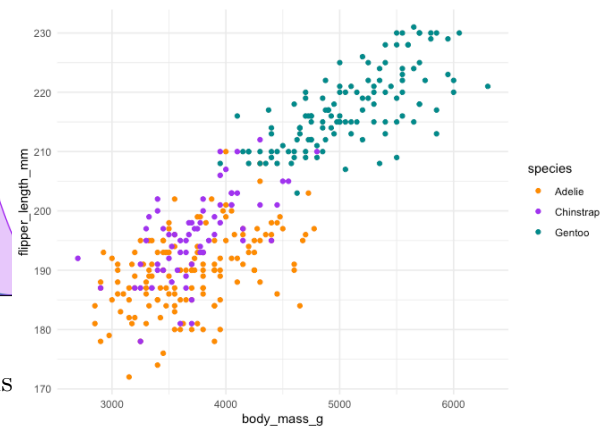wykresu

Figure 1.3: Właściwy   opis
wykresu

1.2.3 Zewnętrzne źródło

Figure 1.4: Elephant

1.2.4 Dyrektywa na całą szerokość

1.2.5 Dyrektywa na całe okno

Dodatkowo szerokości

```
knitr::kable(
  mtcars[1:6, 1:10]
)
```

	mpg	cyl	disp	hp	drat	wt	qsec	vs	am	gear
Mazda RX4	21.0	6	160	110	3.90	2.620	16.46	0	1	4
Mazda RX4 Wag	21.0	6	160	110	3.90	2.875	17.02	0	1	4
Datsun 710	22.8	4	108	93	3.85	2.320	18.61	1	1	4
Hornet 4 Drive	21.4	6	258	110	3.08	3.215	19.44	1	0	3
Hornet Sportabout	18.7	8	360	175	3.15	3.440	17.02	0	0	3
Valiant	18.1	6	225	105	2.76	3.460	20.22	1	0	3

Figure 1.5: A full screen image

2 Document - Sample 1

Software Requirements Specification

0. Metryka

    1. Tytuł
    2. Logo/ Unikalny numer / Wersja dokumentu (wersja z Github?)
    3. Data utworzenia / Data modyfikacji
    4. Authors (Tabela: Name, Role, Department)
    5. Historia dokumentu (Tabela: Data, Wersja, Revision Description, Revision Author)
    6. Approvals (może na końcu tabela: Approval date, Approved Version, Approver Role, Approver)

1. Introduction

    1. Cel projektu (purpose of project)
    2. Definicje, akronimy, skróty, słownik (Terms, Acronyms and Definitions)
    3. Odnośniki i powiązane dokumenty (Related documents)
    4. Instrukcja obsługi (opcja)

2. Opis systemu

    1. Zakres (Scope)
        1. Funkcjonalności z zakresie (In Scope Functionality)
        2. Poza zakresem (Out of Scope Functionality)
    2. Kontekst systemu - Opis systemu, jak system będzie wpasowany w otoczenie, interakcje z innymi systemami
    3.

3. Goals

4. Functional Requirements

5. Non-functional requirements

6. User Stories

7. Wireframes

8. Acceptance Criteria

9. Rules

10. Assumptions and Constraints

RACI? co jeszcze, tabele - User Stories,

Makiety - opis tabelki do tego,

Lightbox

Test GIT i jak katalog tych dokumentów

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3 Tables

3.1 Tables

Poniżej znajdują się przykładowe tabele. Zerknij

3.1.1 Markdown Tables

Ten tekst jest formatowany przez CSS

Default	Left	Right	Center
12	12	12	12
123	123	123	123
1	1	1	1

Table 3.1: My Caption

When reviewing a document you often want to provide inline comments with suggested revisions. This is possible in Quarto using HTML comments (which are ignored by all output formats). Visual mode includes a command for inserting HTML comments as well as special highlighting treatment to easily parse out editing comments from surrounding text.

3.2 See Table 3.1

4 Summary

In summary, this book has no content whatsoever.

```r
1 + 1
```

```
[1] 2
```

References

Knuth, Donald E. 1984. "Literate Programming." *Comput. J.* 27 (2): 97–111. https://doi.org/10.1093/comjnl/27.2.97.