CTSI-IT Pre-Interview Assessment

A Problem with Presidents

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Abstract

Using the ‘problem with presidents’ dataset, I identified years lived, months lived, and days lived by past and present presidents. Of all six living presidents, Jimmy Carter is the oldest at 97 years followed by current president Joe Biden at 79 and a half years old. John F. Kennedy was the shortest-lived president at 45 and a half years. Mean lived days from the set is 26394 days as of today.

# Introduction

This report is an exploratory data analysis using the “problem with president” data which contains information birth and death dates as well as location of all US presidents. This is the WordTeX template. Click any region to start creating your document. Type Ctrl+Shift+S to quickly switch styles. You can create headers with the H1, H2, and H4 styles. Clear styles by reverting to the Normal style.

## Subsection Heading

Proof. You can start a proof using the proof style. Inline styles must be cleared using Ctrl+Shift+Z. You can add Inline Code similarly. If you have added the AutoCorrect entries, end a proof by pressing tab and \qed to add a box. □

You can double-click the space between pages if you want to hide the margins while editing.

## Next Subsection

Press Alt+= to enter math mode. Math can be inserted inline or on a new line. Many LaTeX commands are supported. Parentheses are used for grouping instead of curly braces. .

# Header

Insert code blocks using the Source Code style.

def M\_HALTS(<M,x>):

def helper(y):

run M(x)

accept

return M\_ACCEPT(helper, ϵ)

Enter normal mode to leave the code block.

## Subsection

Add footnotes from the reference tab or with Alt+Ctrl+F.[[1]](#footnote-2)

If installed, the WordTeX plugin can convert between WordTeX and LaTeX. Conversions are available in the Add-ins tab of the ribbon and from the save/open dialogs. Pandoc is required for this. <https://pandoc.org/>

### Subsubsection

Always use the Microsoft Print to PDF printer to export to PDF. The built-in export option does not embed fonts correctly.

The Enumerate and Itemize styles add lists

1. This list uses enumerate
   1. It creates a multilevel list
      1. Tab increases the indent level
   2. Shift+tab decreases the level.

The Normal style exits the list

* Itemize creates a bulleted list
  + It also supports multiple levels

Visit <http://www.tomwildenhain.com/wordtex> to check for updates.

1. This is a footnote [↑](#footnote-ref-2)