

LateX Template

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```
1 \documentclass[11pt]{article}
2 \usepackage{coling2020} %The coling2020 package is specific to the
   COLING 2020 conference (International Conference on
   Computational Linguistics). It defines the formatting and style
   guidelines required for papers submitted to that conference.
3 \usepackage{times} %font
4 \usepackage{pdfpages} %needed for hex color
5 \usepackage{color} %font color
6 \usepackage[misc]{ifsym} %for letter emoji
7 \usepackage{amssymb} %for symbols like \blacktriangleright
8 \usepackage{enumerate} %for enumerating
9 \usepackage[shortlabels]{enumitem} %for labels
10 \usepackage[cmex10]{amsmath} %for \begin{equation*}
11 \usepackage{amsmath,amssymb,amsfonts} %for \begin{equation*}
12 \graphicspath{{Figures/EPS/}{figures/}} %for \begin{split} in eqn
13 \usepackage{usestackEOL}{stackengine} %for \begin{split} in eqn
14 \usepackage{graphicx} %for figures
15 \graphicspath{{Figures/EPS/}{figures/}} %for figure path so that we
   don't have to specify the path
16 \usepackage{tabulary} %for picture side by side
17 \usepackage{float} %for using the [H] option in pie figure
18
19
20 \colingfinalcopy %The \colingfinalcopy command is a specific
   command provided by the coling2020 package to indicate that the
   document is in its final version, ready for submission. This
   command typically: Applies Final Formatting, Suppresses Draft-
   Only Features
21
22 \newcommand*{\affaddr}[1]{#1} % No op here. Customize it for
   different styles.
23
24 \DeclareMathOperator*{\argmin}{\arg\!\min}
25 \DeclareMathOperator*{\argmax}{\arg\!\max}
26
27 \title{Workshop on LaTeX for Academic, Technical, and Professional
   Writing}
28
29 \author{Student(Student ID: )\
30   Department of Computer Science and Engineering\
31   \affaddr{University of Chittagong, Chittagong, Bangladesh}\
32   {\tt name@gmail.com(\Letter)}}\
33 }
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34 \begin{document}
35 \maketitle
36
37
38 \pagestyle{plain}
39
40 \section{Inline Text Manipulation} %The \section{Inline Text
    Manipulation} command creates a new section titled "Inline Text
    Manipulation," The title "Inline Text Manipulation" will
    appear in the Table of Contents (if you use \tableofcontents)
41 \label{ref:inlineText} %the \label{ref:inlineText} command labels
    this section for later reference within the document using \ref
    {ref:inlineText}
42 This is my first LaTeX document.\\
43
44 \noindent Microblog platforms such as “twitter”, \emph{sina weibo
    }, etc. are rapidly moving towards a platform for $\backslash$
    mbox{informal}}$ $\backslash$informal user-generated
    information production and consumption. Among the several
    microblog services , \#twitter has become the most popular. The
    real-time nature of twitter plays an {\color{red} important
    role during a disaster period}, {\color[HTML]{32a852} such as
    earthquakes}, \textbackslash{wildfires} and so on. This is
    because the user-generated twitter posts during such events
    might be useful to serve the situational information needs ($\
    approx$ 59\% \& 89\%). To\_use\_underscore it is $X_{2}$ $4^{th}$
    }$ \textcopyright{2021}. \\
45
46 Suppose we are given a rectangle with side lengths $(x+1)$ and $(x
    +3)$. Then the equation $A=x^2+4x+3$ represents the area of
    the rectangle.\\
47
48
49 \section{Itemize and enumerate}
50 \label{ref:itemize}
51
52 \subsection{The General Type of Itemize}
53 \begin{itemize}
54 \item Explore the image.
55 \item Explore the text.
56 \item Explore the video.
57 \item Explore the sound.
58 \item Create the multimodal data.
59 \end{itemize}
60
61 \subsection{Using the Special Symbol for Item Label}
62 \begin{itemize}
63 \item[--] Explore the image.
64 \item[*] Explore the image.
65 \item[$\diamond$] Explore the text.
66 \item[$\blacktriangleright$] Expore the video.
67 \item[$\star$] Explore the sound.
68 \item[$\blacksquare$] Create the multimodal data.
69 \end{itemize}
70
71 \subsection{Numbered Type Itemize}
72 \begin{enumerate}

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73 \item Explore the image.
74 \item Explore the text.
75 \item Explore the video.
76 \item Explore the sound.
77 \item Create the multimodal data.
78 \end{enumerate}
79
80 \subsection{English alphabetic Type Itemize (Lowercase)}
81 \begin{enumerate}[a]
82 \item Explore the image.
83 \item Explore the text.
84 \item Explore the video.
85 \item Explore the sound.
86 \item Create the multimodal data.
87 \end{enumerate}
88
89 \subsection{English alphabetic Type Itemize (Uppercase)}
90 \begin{enumerate}[A]
91 \item Explore the image.
92 \item Explore the text.
93 \item Explore the video.
94 \item Explore the sound.
95 \item Create the multimodal data.
96 \end{enumerate}
97
98 \subsection{Roman Numbered Type Itemize (Lowercase)}
99 \begin{enumerate}[i]
100 \item Explore the image.
101 \item Explore the text.
102 \item Explore the video.
103 \item Explore the sound.
104 \item Create the multimodal data.
105 \end{enumerate}
106
107 \subsection{Roman Numbered Type Itemize (Uppercase)}
108 \begin{enumerate}[I]
109 \item Explore the image.
110 \item Explore the text.
111 \item Explore the video.
112 \item Explore the sound.
113 \item Create the multimodal data.
114 \end{enumerate}
115
116 \subsection{Reducing Space between Items}
117 \begin{enumerate}[nosep]
118 \item Explore the image.
119 \item Explore the text.
120 \item Explore the video.
121 \item Explore the sound.
122 \item Create the multimodal data.
123 \end{enumerate}
124
125 \subsection{Reducing Space between Items and Provide Special Item
      Label}
126 \begin{enumerate}[nosep, label=*]
127 \item Explore the image.
128 \item Explore the text.

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129 \item Explore the video.
130 \item Explore the sound.
131 \item Create the multimodal data.
132 \end{enumerate}
133
134 \subsection{Reducing Space between Items and Provide Romanized Item
      Label}
135 \begin{enumerate}[nosep, label=\roman*]
136 \item Explore the image.
137 \item Explore the text.
138 \item Explore the video.
139 \item Explore the sound.
140 \item Create the multimodal data.
141 \end{enumerate}
142
143 \subsection{Reducing Space between Items and Provide Numeric Item
      Label}
144 \begin{enumerate}[nosep, label=\arabic*]
145 \item Explore the image.
146 \item Explore the text.
147 \item Explore the video.
148 \item Explore the sound.
149 \item Create the multimodal data.
150 \end{enumerate}
151
152 \subsection{Adding Specific Character with Each Numeric Item Label}
153 \begin{enumerate}[nosep, label=B\arabic*]
154 \item Explore the image.
155 \item Explore the text.
156 \item Explore the video.
157 \item Explore the sound.
158 \item Create the multimodal data.
159 \end{enumerate}
160
161
162 \subsection{Numeric Item Label with Bracket}
163 \begin{enumerate}[nosep, label=(\arabic*)]
164 \item Explore the image.
165 \item Explore the text.
166 \item Explore the video.
167 \item Explore the sound.
168 \item Create the multimodal data.
169 \end{enumerate}
170
171
172 \subsection{Numeric Item Label with Dot}
173 \begin{enumerate}[nosep, label=\arabic*.]
174 \item Explore the image.
175 \item Explore the text.
176 \item Explore the video.
177 \item Explore the sound.
178 \item Create the multimodal data.
179 \end{enumerate}
180
181 \subsection{Alphabetic Item Label with dot}
182 \begin{enumerate}[nosep, label=\alph*.]
183 \item Explore the image.

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184 \item Explore the text.
185 \item Explore the video.
186 \item Explore the sound.
187 \item Create the multimodal data.
188 \end{enumerate}
189
190
191 \subsection{Alphabetic Item Label with dot}
192 \begin{enumerate}[nosep, label=\Alph*.]
193 \item Explore the image.
194 \item Explore the text.
195 \item Explore the video.
196 \item Explore the sound.
197 \item Create the multimodal data.
198 \end{enumerate}
199
200 \subsection{Romanized Item Label with dot}
201 \begin{enumerate}[nosep, label=\roman*.]
202 \item Explore the image.
203 \item Explore the text.
204 \item Explore the video.
205 \end{enumerate}
206
207 \subsection{Romanized Item Label with dot}
208 \begin{enumerate}[nosep, label=\Roman*.]
209 \item Explore the image.
210 \item Explore the text.
211 \item Explore the video.
212 \item Explore the sound.
213 \end{enumerate}
214
215 \subsection{Circledast label}
216 \begin{enumerate}[label=$\circledast$]
217 \item Explore the image.
218 \item Explore the text.
219 \item Explore the video.
220 \item Explore the sound.
221 \end{enumerate}
222
223 \section{Mathematical Equation and Expression}
224 \label{ref:equation}
225 \begin{equation}
226 \int_{-\pi}^{\pi} f(\theta) \, d\theta
227 \end{equation}
228
229 \begin{equation}
230 e_t = h_t w_a
231 \label{eqn:sampleEqn} %this eqn can be evoked using this label
232 \end{equation}
233
234 \begin{equation*} % the * is so that the eqn is not numbered
235 a_t = \frac{\exp(e_t)}{\sum_{i=1}^T \exp(e_i)}
236 \end{equation*}
237
238 \begin{equation*}
239 v = \sum_{i=1}^T a_i h_i
240 \end{equation*}

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277 \item Space Constraints: If there isn't enough space to place the
      figure where you specified (e.g., at the top of a page), LaTeX
      might push it to a later page while placing the table earlier,
      depending on available room.
278
279 \item Ordering Floats: LaTeX tries to optimize the page layout
      based on what fits best. Even if you specified !htb for both
      the table and figure, the table might be positioned before the
      figure if LaTeX determines that this results in a better page
      flow.
280 \item Use the [H] option (from the float package) to enforce that
      the float appears exactly where it is defined in the code.
281 \end{itemize}
282
283
284 \begin{figure}[!h] % t=top of the page, b= bottom, H!/h/htb = where
      it is supposed to be(! for emphasizing more)
285 \centering % for centered figure
286 \includegraphics[width=0.7\linewidth]{ExampleSlide.pdf}
287 %\includegraphics[scale=0.7]{ExampleSlide.pdf} also work the same
288 \caption{Proposed framework.}
289 \label{fig:overview}
290 \end{figure}
291
292 %\begin{figure*} here * will merge two column if the document is
      being written in double column
293
294 \begin{figure}[!htb]
295 \centering
296 \begin{tabular}{cp{0.5cm}c}
297 \includegraphics[width=0.4\textwidth]{Pos4.jpg}
298 &
299 &\includegraphics[width=0.4\textwidth]{Neg3.jpg}
300 \end{tabular}
301 \caption{Sample of positive (left) and negative (right) sentiment
      bearing images.}
302 \label{Fig:sampleImage}
303 \end{figure}
304
305 \begin{figure}[H] %Use the [H] option (from the float package) to
      enforce that the float appears exactly where it is defined in
      the code.
306 \centering
307 \includegraphics[scale=0.8]{Python-Plot.pdf}
308 \caption{Pie Chart}
309 \label{fig:pie}
310 \end{figure}
311
312
313 \begin{figure}[H]
314 \centering
315 \includegraphics[scale=0.8]{R-Plot.pdf}
316 \caption{Bar Chart}
317 \label{fig:pie}
318 \end{figure}
319
320 \section{Table}

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321 \label{ref:table}
322 Now, we illustrate different types of tables.
323
324 \begin{table}[!htb]
325 \centering
326 \caption{A sample table.}
327 \begin{tabular}{|c|c|c|m{4cm}|l|c|} % c=center, l= left, these are
      column positions
328
329 \hline
330 Col1 & \textbf{Col2} & Col3 & \multicolumn{1}{c|}{Col4} & Col5 &
      Col6 \\
331 \hline
332 1 & 66 & 98 & 75 & 11 & 66 \\
333 \hline
334 2 & 67 & 257 & \multicolumn{1}{r|}{97} & 77 & 23 \\
335 \hline
336 \end{tabular}
337 \end{table}
338
339 \end{document}

```