Sample Title for a Paper Published in the SMU Data Science Review Journal

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Abstract. The abstract should briefly summarize the contents of the paper in 150–250 words. The abstract should contain approximately six sentences contained within a single paragraph. The first sentence typically begins with "In this paper, we present" which is then followed by what is presented in the paper. The second sentence is used to motivate the importance of what is presented and define the broad problem domain. Then, two to three sentences are used to state how the problem was solved. A single statement of the main result (singular) is then followed by a single statement of the main conclusion (singular).

1 Introduction

Your first section should be your *Introduction* section. The Introduction is a 3–4 page executive summary of your paper.

The Introduction follows the same general organization as the Abstract.

The Introduction should have approximately 8–10 paragraphs. The first paragraph is "Motivation" that states the broad problem and provides details as to why the problem is important. The second paragraph begins with the one sentence problem statement and then has 3–4 sentences adding details as needed. There should then be 3–4 paragraphs detailing the final approach used to solve the problem. Then a one paragraph summary of the main results followed by a one paragraph summary of the main conclusions. The last paragraph should contain an overview of the remainder of the paper organization.

The Introduction section should **NOT** contain tables, figures, or subsections. This is a simple executive summary.

2 A Second Section

2.1 A Subsection Sample

Please note that the first paragraph of a section or subsection is not indented. The first paragraph that follows a table, figure, equation etc. does not need an indent, either.

Subsequent paragraphs, however, are indented.

Table 1 gives a summary of all heading levels. There should be zero reason to have either a 3rd-level heading or a 4th-level heading. If you feel the need to have such headings, then you should restructure your document such that no 3rd-level or 4th-level headings are needed.

Table 1. Table captions should be placed above the tables.

Heading level	Example	Font size and style
Title (centered)	**Lecture Notes**	14 point, bold
1st-level heading	**1 Introduction**	12 point, bold
2nd-level heading	**2.1 Printing Area**	10 point, bold
3rd-level heading	**Run-in Heading in Bold.** Text follows	10 point, bold
4th-level heading	*Lowest Level Heading.* Text follows	10 point, italic

Displayed and numbered equations such as Equation 1 are centered and set on a separate line.

$$x + y = z \tag{1}$$

Please try to avoid rasterized images for line-art diagrams and schemas. Whenever possible, use vector graphics instead (see Fig. 1).
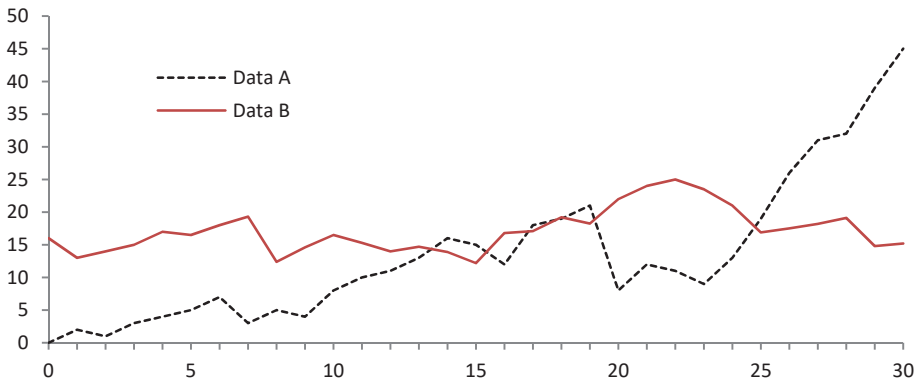

Fig. 1. A figure caption is always placed below the illustration. Please note that short captions are centered, while long ones are justified by the macro package automatically.

Theorem 1. *This is a sample theorem. The run-in heading is set in bold, while the following text appears in italics. Definitions, lemmas, propositions, and corollaries are styled the same way.*

Proof. Proofs, examples, and remarks have the initial word in italics, while the following text appears in normal font.

For citations of references, we prefer the use of square brackets and consecutive numbers where the references are numbered according to the ascending alphabet (i.e., a to z) of the first author's last name. Citations using labels or the author/year convention are not acceptable. The following reference provides a sample reference list with entries for journal articles [?,?], a chapter [?], a book [?], and a conference proceedings without editors [?]. Multiple citations are grouped [?,?,?,?,?].

Note that URLs should be placed in Footnotes[1] and not in the references. Only documents that will not change over time should be placed in the references and cited.

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[1] More information may be found at http://www.smu.edu. Last accessed 31 Dec 2018.