Imperial College London

Individual Project

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Using Answer Set Grammars For Text Summarization

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Chapter 1 Introduction

- General Problem
 - Specific Problem
 - Objectives

Chapter 2 Background

- Learning answer sets -¿ learning ASG Encoder-decoder overview

Chapter 3 Contributions

1 Architecture Overview

The main pipeline, which performs story summarisation, is made of three main steps: the Preprocessor, multiple calls to ASG, and finally prost-processing and scoring (as seen in Figure 3.1. A description of each step can be found in the following chapters.



Figure 3.1: Main Pipeline

- Overview of architecture
- Lots of interesting examples

Chapter 4 **Preprocessor**

- Sub diagrams
- Motivate steps (Preprocessor make job easier for ASG, making better quality summary) $\,$

Chapter 5 ASG

- Sub diagrams
- Learning is not really learning (ASG never learns how to summarize, we build in rules of feature extraction)

Chapter 6 Post-Processing And Scoring

- Sub diagrams

Chapter 7 Evaluation

- Generated dataset - NN

Chapter 8 Literature Review

- Reread to refer
 - Compare approaches