Introduction

**Opinionated claims** are assertions in which an author expresses a **subjective** point of view showing some level of **belief** and with an inherent **sentiment** load.

**Opinionated claims** spreading around the web sphere presents itself as a chance for studying the convergence of **points of view** and **claims** in **dispute.**

The aim of **opinion mining** is the automatic **detection** of an **opinionated claim**, or **subjectivity** within a piece of natural text.

**Argumentation**, especially in its relation to artificial intelligence brought us the means to build **model representations** to study and analyze how **statements** and **assertions** are **proposed** and **debated**, and how **divergent opinions** are **resolved**.

**Argumentation mining** is intrinsically connected to **argumentation**, **computational linguistics** and more recently to **machine learning**.

**Argumentation mining** is also the process by which **argument components** are **identified** and their **relations** are **predicted**.

Current **web** gave us the **social** web **participation** in social **media** (newspapers, debate forums, blogs, product reviews, etc), providing a vast amount of rich data that recently started to be explored both in **argumentation** and **opinion mining**.

As Habernal put it, while the goal of **opinion mining** is to understand **what** people think about something, the aim of **argument mining** is to understand **why**.

So it is especially crucial to find leverage to **extend opinion mining and sentiment analysis** in order to be **helpful** in **argument mining** to **analyze reasoning processes** humans use in **debate** situations, by default **persuasive** therefor **argumentative**.

An **argumentation mining** system has the potential to provide great **qualitative analysis** from such sources by unlocking innovative ways of **organizing**, **supporting** and **visualizing** online debates.

opinion mining,

sentiment analysis,

subjectivity detection

argumentation mining;

Datasets analytics

Detailed study of techniques that are commonly used in text mining