

Viterbi Algorithm

Robert Koczula,

Akancha Choudhary,

Tobias Schellien,

Philipp Copei

Agenda

- Introduction
- Issues to solve
- The algorithm
- Experiment and Results
- Summary

Introduction

- General information about the algorithm []
- Fields of usage []
- Transition into issues that the algorithm aims to solve []

Issues to solve

- Rough overview over several cases []
- Mention that we concentrate on HMM []
- Transition into algorithm solution based on HMM []

The algorithm

- Explain general functionality []
- Perhaps some code snippets []
- Mainly used to find issues in sequences []
- Validation is handled separately []

Experiment and Results

- Show used data for our use case []
- Explain the test sequence, by contextualizing it a little (create a connection between example data and real life examples) []
- Show the results that were achieved by the algorithm []
- Explain what the example results mean and what we can conclude from them (similar to context used before) []

Summary

- Simply name some important points that were mentioned previously, so the audience can ask questions for them[]

Source

- Put sources from Paper for images, quotes and formulas here []