

Natural Language Processing : Predicting Next word

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1 Introduction

This project is a project to Predict the next word that can be used by the user. The Objective is to explore large corpus of Text and From that a prediction Model that will help us to predict what could be the next word. This is a coursera Specilization on Data Science by Johns Hopkins University and SwiftKey.

2 Targets

I will try to cover the concepts and tools that I will need throughout the entire data science pipeline , from asking the right kinds of questions to making inferences and publishing results. In this Project, I will try to apply all the skills I have learned by building a data product using real-world data.

- Understanding the Problem, and Getting the Data
- Exploratory Data Analysis and Modeling
- Prediction Model
- Creative Exploration:Apply Different Machine Learning Concept and Predict Accuracy
- Data Product