

Support Vector Machine

Lagrangian Multiplier and KKT Conditions Formulation

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Initial Formulation

The **metropolis** theme is a Beamer theme with minimal visual noise inspired by the HSRM Beamer Theme by Benjamin Weiss.

Enable the theme by loading

```
\documentclass{beamer}  
\usetheme{metropolis}
```

Note, that you have to have Mozilla's *Fira Sans* font and XeTeX installed to enjoy this wonderful typography.

Sections group slides of the same topic

```
\section{Elements}
```

for which **metropolis** provides a nice progress indicator ...

Final Formulation

Quadratic Programming Optimization

Soft-Margin Assumption

Non-Linear Kernel
