An Introduction to Data Modeling Mindsets

Become a Hedgehog of a Data Scientist, Not a Fox.

Christoph Molnar

2022-03-17

Interpretable Machine Learning

A Guide for Making Black Box Models Explainable

© 2022 Christoph Molnar, Germany, Munich christophmolnar.com

For more information about permission to reproduce selections from this book, write to christoph.molnar.ai@gmail.com.

2022, Second Edition

ISBN 9798411463330 (PAPERBACK)



This book is licensed under the Creative Commons Attribution-NonCommercial-ShareAlike 4.0 International License.

Christoph Molnar, c/o Mucbook Clubhouse, Westendstraße 78, 80339 München, Germany

Contents

Contents

Su	ımmary	vii
1	Introduction	1
2	Statistical Inference	3
3	Bayesian Inference	5
4	Causal Inference	7
5	Machine Learning	9
6	Exploratory Analysis	11
7	Expert Systems	13
8	Logic Programming	15
9	Symbolic Artificial Intelligence	17

Summary

1 Introduction

2 Statistical Inference

3 Bayesian Inference

4 Causal Inference

5 Machine Learning

6 Exploratory Analysis

7 Expert Systems

8 Logic Programming

9 Symbolic Artificial Intelligence