

# Contents

	Acknowledgments	ix
<b>1</b>	<b>Data Science to Human-Centered Data Science</b>	<b>1</b>
<b>2</b>	<b>The Data Science Cycle</b>	<b>13</b>
<b>3</b>	<b>Interrogating Data Science</b>	<b>31</b>
<b>4</b>	<b>Techniques and Tools for Data Science Models</b>	<b>51</b>
<b>5</b>	<b>Human-Centered Approaches to Data Science Problems</b>	<b>75</b>
<b>6</b>	<b>Human-Centered Data Science Methods</b>	<b>93</b>
<b>7</b>	<b>Collaborations across and beyond Data Science</b>	<b>115</b>
<b>8</b>	<b>Storytelling with Data</b>	<b>129</b>
<b>9</b>	<b>The Future of Human-Centered Data Science</b>	<b>147</b>
	Glossary	153
	References	163
	Index	179