

# Contents

<b>Chapter 2 Better security</b> .....	<b>1</b>
Always Encrypted .....	1
Getting started with Always Encrypted .....	1
Creating a table with encrypted values .....	7
CREATE TABLE statement for encrypted columns .....	7
Migrating existing tables to Always Encrypted .....	9
Row-Level Security .....	11
Creating inline table functions .....	11
Creating security policies .....	14
Using block predicates .....	15
Dynamic data masking .....	15
Dynamic data masking of a new table .....	16
Dynamic data masking of an existing table .....	16
Understanding dynamic data masking and permissions .....	17
Masking encrypted values .....	18
Using dynamic data masking in SQL Database .....	18
<b>Chapter 4 Improved database engine</b> .....	<b>20</b>
TempDB enhancements .....	20
Configuring data files for TempDB .....	21
Eliminating specific trace flags .....	22
Query Store .....	23
Enabling Query Store .....	23
Understanding Query Store components .....	24
Reviewing information in the query store .....	25
Using Force Plan .....	27
Managing the query store .....	28
Tuning with the query store .....	29
Stretch Database .....	29
Understanding Stretch Database architecture .....	30

Security and Stretch Database.....	30
Identifying tables for Stretch Database.....	31
Configuring Stretch Database.....	32
Monitoring Stretch Database.....	33
Backup and recovery with Stretch Database.....	34
<b>Chapter 7 Better reporting.....</b>	<b>35</b>
Report content types.....	35
Paginated report development enhancements.....	35
Introducing changes to paginated report authoring tools.....	36
Exploring new data visualizations.....	37
Managing parameter layout in paginated reports.....	42
Mobile report development.....	43
KPI development.....	43
Report access enhancements.....	44
Accessing reports with modern browsers.....	44
Viewing reports on mobile devices.....	46
Printing without ActiveX.....	46
Exporting to PowerPoint.....	48
Pinning reports to Power BI.....	50
Managing subscriptions.....	51