

RMarkdown Solution

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Crime Incidents Report Data

Explorative Data Analysis

Burglaries

As can be seen above, district(s) B2 has/have the highest rates in burglaries overall. Between midnight and noon, district(s) D4 is/are at the top of the list. From 12 p.m. on until midnight B2 marks the top spot.

Incidents by Day of the Week

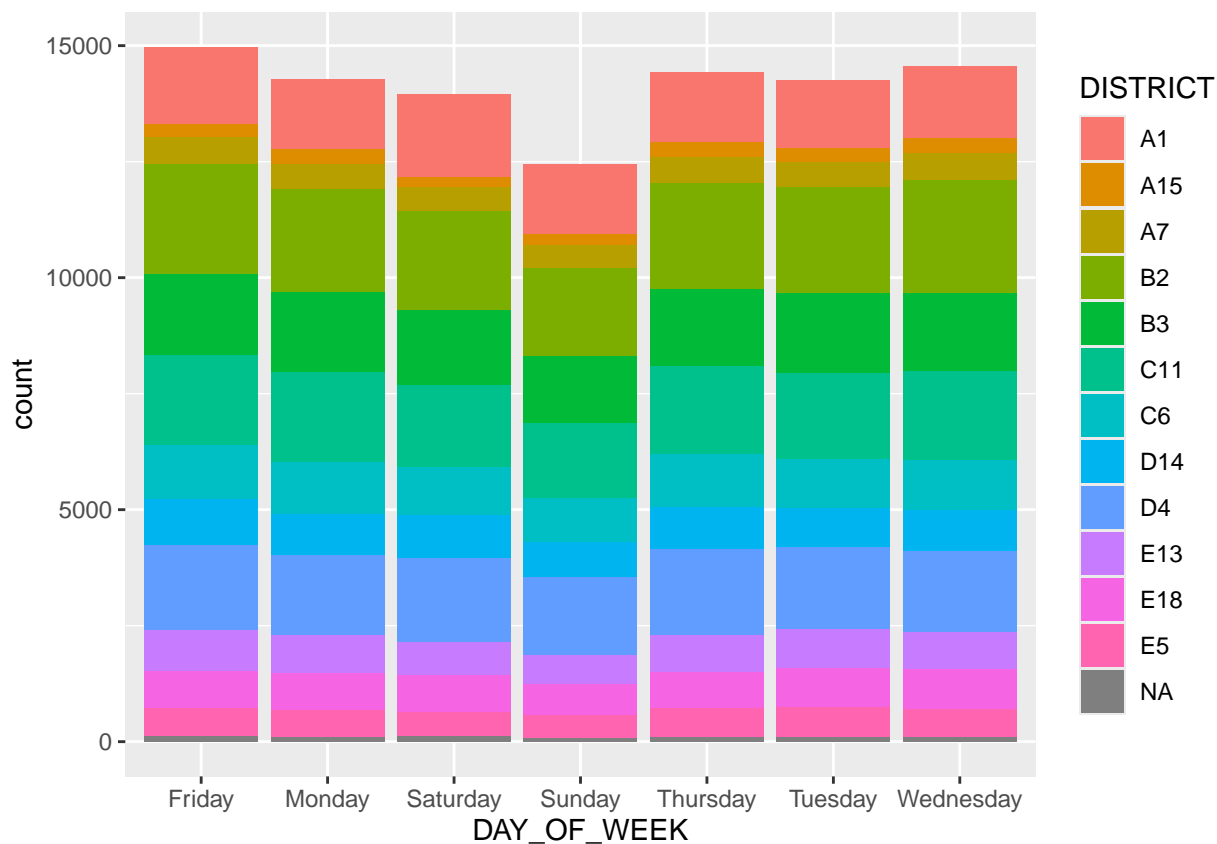


Table 1: Field Description

Field Name	Data Type	Required	Description
incident_num	varchar(20)	NOT NULL	Internal BPD report number
offense_code	varchar(25)	NULL	Numerical code of offense description
Offense_Code_Group_Description	varchar(80)	NULL	Internal categorization of offense_description
Offense_Description	varchar(80)	NULL	Primary descriptor of incident
district	varchar(10)	NULL	What district the crime was reported in
reporting_area	varchar(10)	NULL	RA number associated with the where the crime was reported from.
shooting	char (1)	NULL	Indicated a shooting took place.
occurred_on	datetime2(7)	NULL	Earliest date and time the incident could have taken place
UCR_Part	varchar(25)	NULL	Universal Crime Reporting Part number (1,2, 3)
street	varchar(50)	NULL	Street name the incident took place

Table 2: Burglary by District and Time of Day

Characteristic	Overall N = 1,753 ¹	AM N = 825 ¹	PM N = 928 ¹
DISTRICT			
A1	9.1%	9.5%	8.8%
A15	1.4%	1.8%	1.0%
A7	4.5%	3.9%	5.0%
B2	16%	14%	17%
B3	8.4%	7.4%	9.2%
C11	14%	15%	13%
C6	8.0%	6.9%	8.9%
D14	8.2%	7.0%	9.2%
D4	15%	17%	13%
E13	7.6%	7.8%	7.5%
E18	3.7%	3.6%	3.8%
E5	4.8%	5.5%	4.1%

¹%