

**Theory Assignment Report**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Only for course Teacher** | | | | | | |
|  | | **Needs Improvement** | **Developing** | **Sufficient** | **Above Average** | **Total Mark** |
| **Allocate mark & Percentage** | | **25%** | **50%** | **75%** | **100%** | **5** |
| **Clarity** | **1** |  |  |  |  |  |
| **Content Quality** | **2** |  |  |  |  |  |
| **Spelling & Grammar** | **1** |  |  |  |  |  |
| **Organization and Formatting** | **1** |  |  |  |  |  |
| **Total obtained mark** | | | | | |  |
| **Comments** |  | | | | | |

**Semester: Spring 25**

**Student Name:** Nur Ahmed

**Student ID:** 222-35-1111

**Batch:** 38th  **Section:** A

**Course Code:** SE442

**Course Name:** Management Information System

**Course Teacher Name:** Dr. Imran Mahmud

**Designation:** Professor & Head

**Submission Date:** 10/04/2025

**Contents**

[**Police Department Data Analysis** 3](#_Toc195196036)

[**Data Preview** 3](#_Toc195196037)

[**Digital Dashboard** 4](#_Toc195196038)

[**Box Plot** 5](#_Toc195196039)

[**Violin plot** 6](#_Toc195196040)

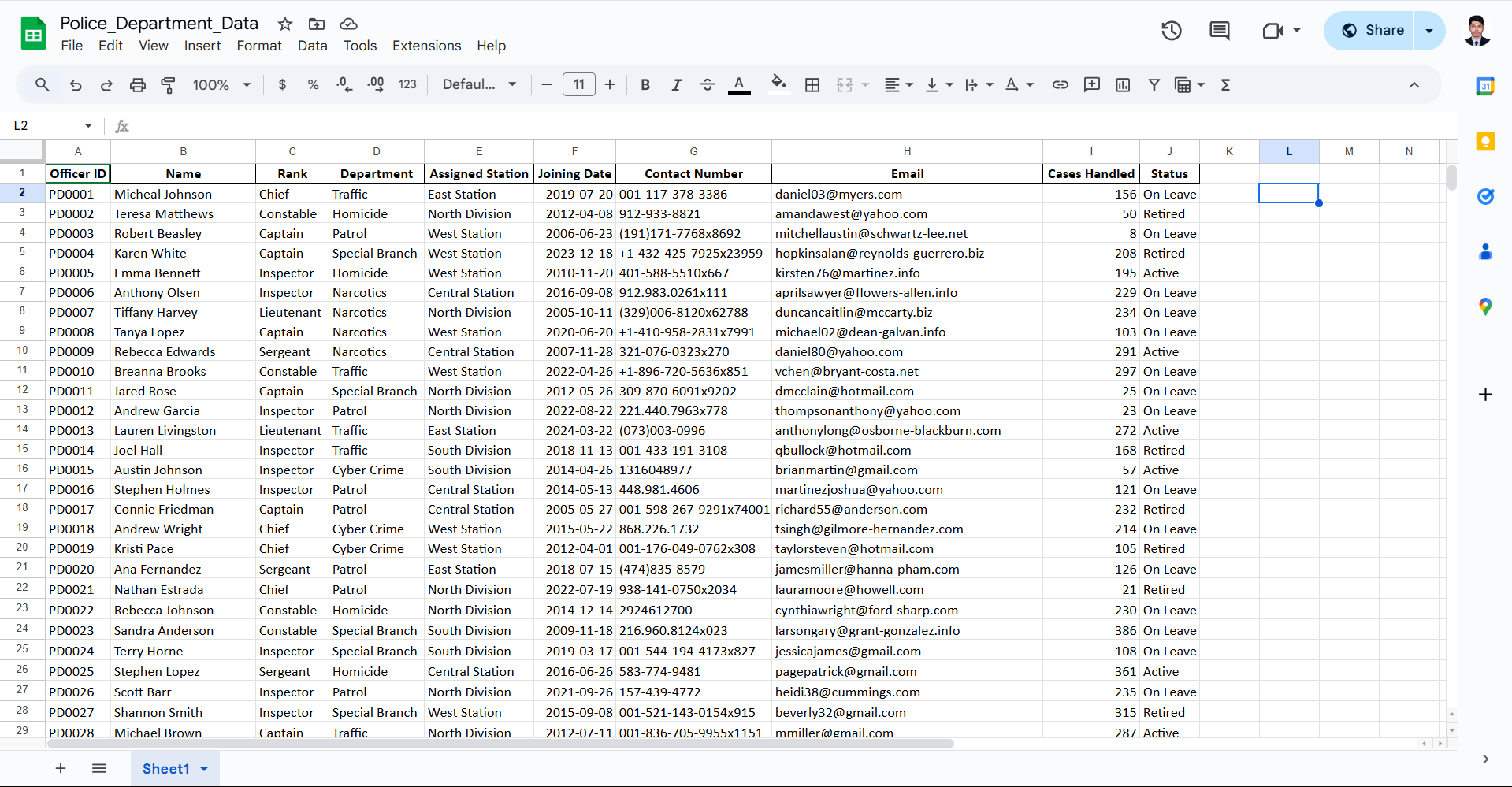
[**Sieve diagram** 7](#_Toc195196041)

[**Venn Diagram** 8](#_Toc195196042)

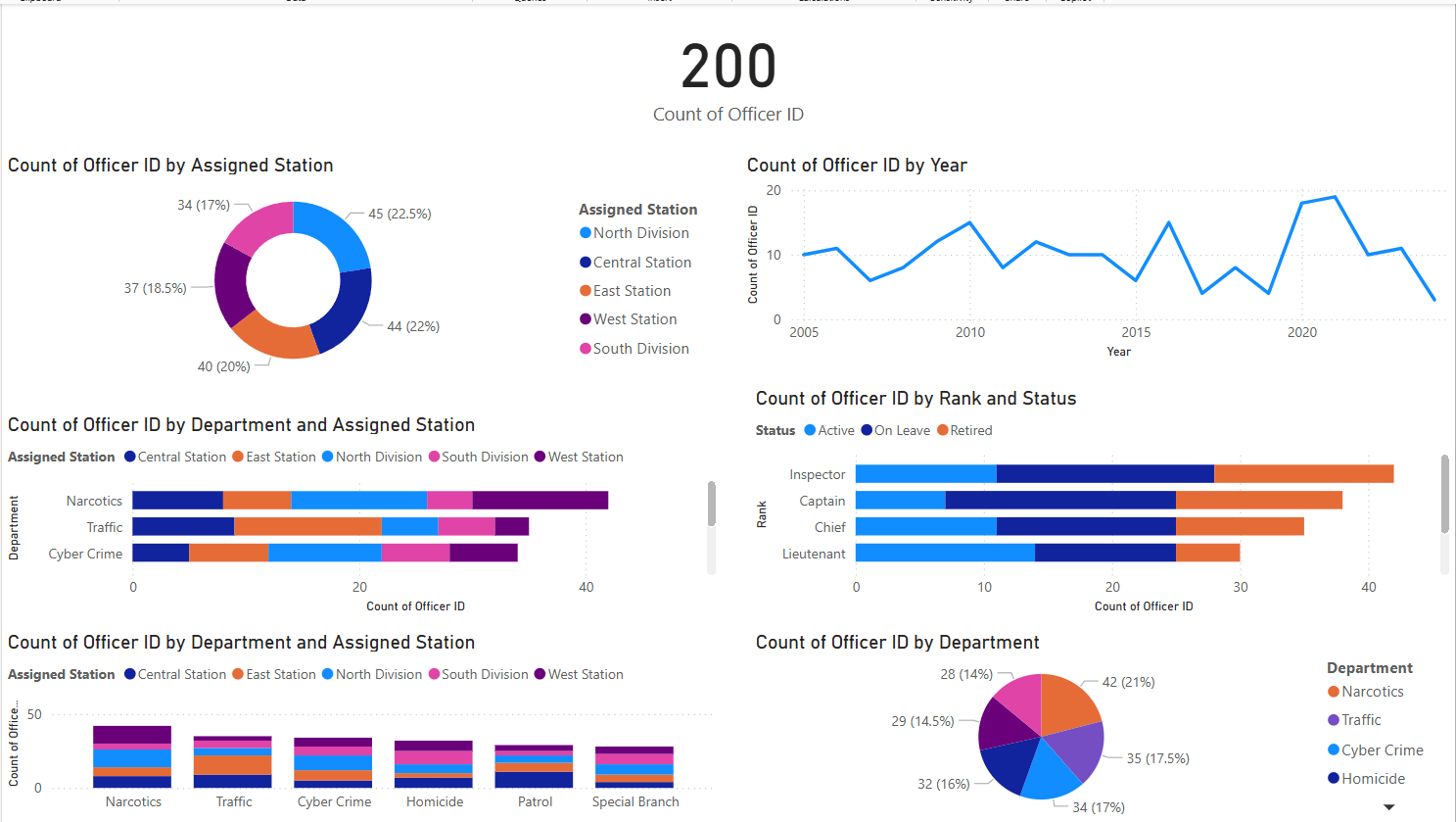
[**Resources** 9](#_Toc195196043)

# **Police Department Data Analysis**

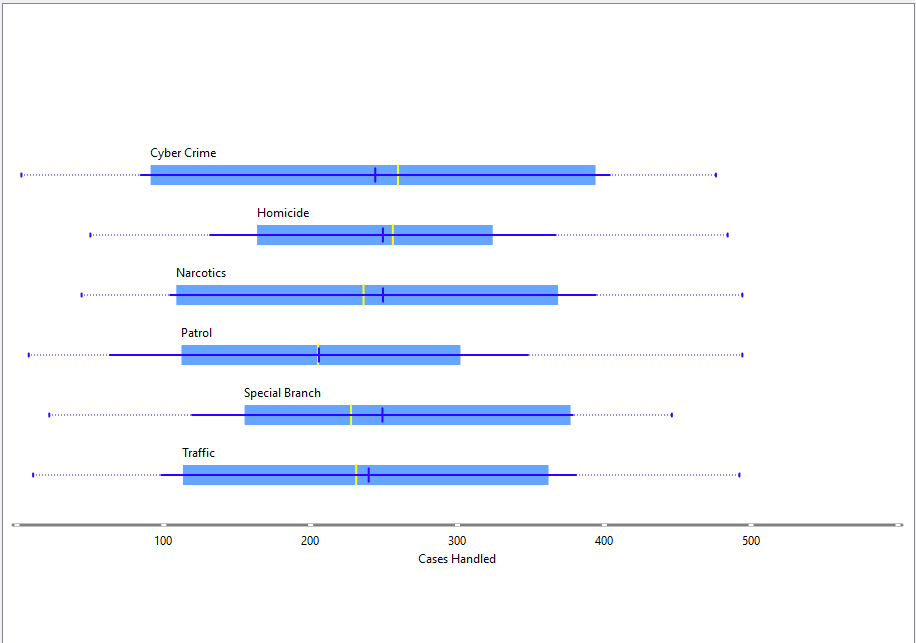
## **Data Preview**



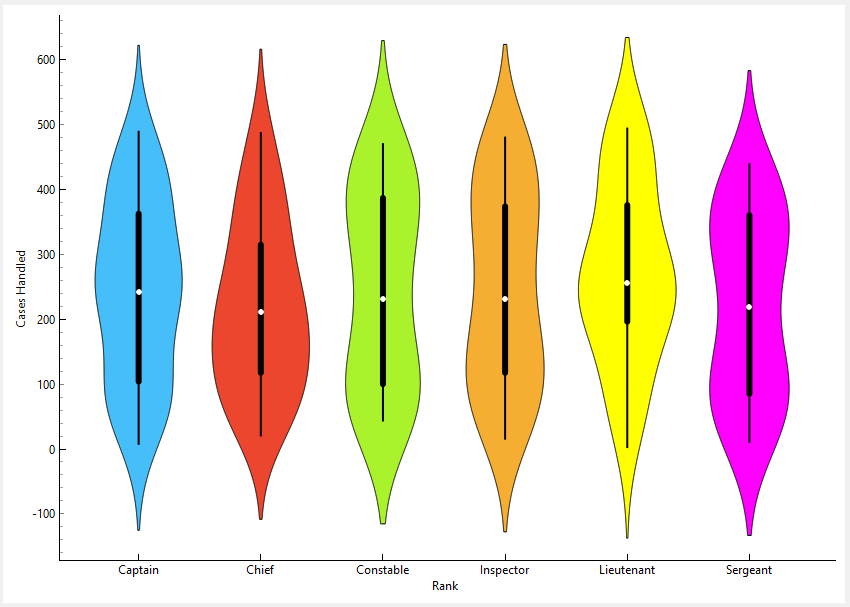
## **Digital Dashboard**



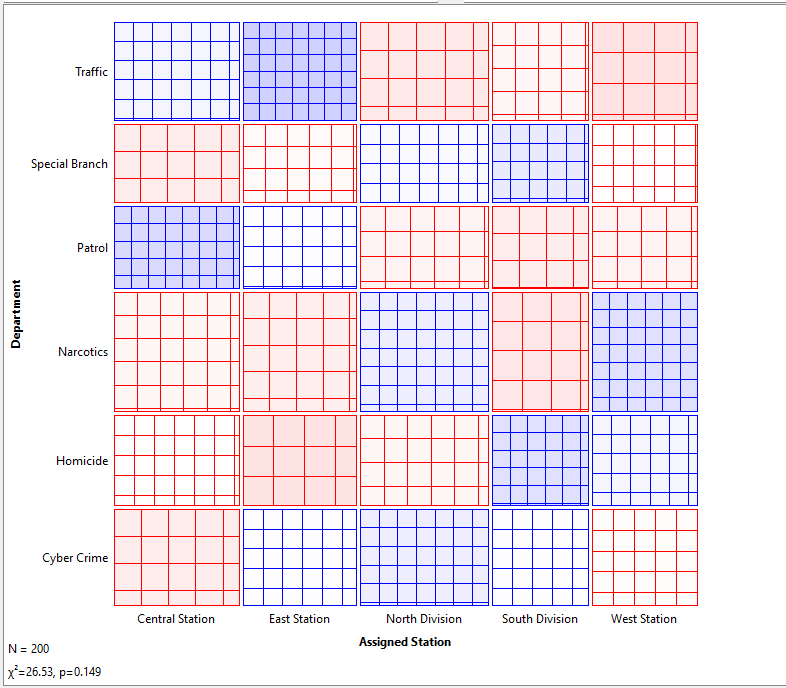
## **Box Plot**



## **Violin plot**



## **Sieve diagram**



## **Venn Diagram**



## **Resources**

[Dataset](https://docs.google.com/spreadsheets/d/1IJHGHccacmuE24G-vxs2oPvLonMR_8Fpd9rZn6ESqD0/edit?usp=sharing)

[Digital Dashboard](https://drive.google.com/file/d/1BDU0da-NZJbmCSiCWvW6icXul-yRZd-P/view?usp=sharing)

[Orange ML](https://drive.google.com/file/d/1ySqXXqjabV1HenewY4vaWtWEEP2RZrQQ/view?usp=sharing)