

#viärswedac

# INSPIRATION MATERIAL



SWEDAC 

Strategic  
Learning Partner:

**stellar**  
**capacity**

# DATA EXPLORATION AND UNDERSTANDING

## 1. Basic Exploration:

- What are the most frequently cited Kravdokument (requirement documents) in your dataset, and what do they imply about the nature of the inspections or assessments?
- What is the distribution of Uppdragstyp (Type of Assignment) in your dataset?
- Which Område (Areas) or Bedömningsområde (Assessment Areas) (e.g., Personal, Metodik, Utrustning m.m.) are most frequently inspected?

## 2. Understanding Assignment Characteristics:

- What are the main types of Uppdragstyp found (e.g., Tillsyn, Förnyad bedömning), and how do they relate to the overall focus of your dataset?
- How do different Uppdragets status (Assignment Statuses), such as Godkänd or needing Följ upp (Follow-up), compare in frequency and outcome?

# PERFORMANCE AND OUTCOMES

## 1. Regulatory Focus:

- Which Kravdokument are most commonly cited, and what do they indicate about regulatory priorities?
- Are there specific Uppdragstyp or Område that predominantly cite certain Kravdokument?

## 2. Compliance and Challenges:

- Which types of Kravdokument are associated with higher rates of Avvikelsestyp (Type of Deviation) or follow-up actions?
- Are there any Uppdragstyp or Område where compliance with particular Kravdokument presents more challenges, resulting in longer processing times or unresolved assignments?

# TRENDS AND PATTERNS

## 1. Temporal Trends:

- How has the number of inspections or assessments evolved over the years (2018-2023)?
- Are there any seasonal peaks or trends in specific Uppdragstyp or Område?

## 2. Response Time Patterns:

- How do response times (e.g., Kundens första svarsdatum to Kundens sista svarsdatum) vary by Uppdragstyp or cited Kravdokument?
- Which stakeholders (clients, assessors, assessment leaders) typically contribute the most to prolonged response times?

# REGULATION AND COMPLIANCE ANALYSIS

## 1. Efficiency and Performance:

- Compare the distribution of assignment durations across different Uppdragstyp. What insights can you draw about which types are processed faster?
- How does the presence of Avvikelse or Övergripande avvikelse (Overarching Deviation) affect the outcome (Godkänd status)?

## 2. Approval and Follow-Ups:

- What is the rate of Godkänd versus assignments needing Följ upp, and how do these rates vary across Uppdragstyp?
- Are there identifiable factors that predict the likelihood of an assignment requiring Följ upp or being marked as Åtgärdad?

# ADVANCED ANALYSIS AND HYPOTHESES

## 1. Correlation and Impact Analysis:

- What correlations exist between Uppdragstyp, Kravdokument, and the outcomes (e.g., Godkänd, Följ upp) of assessments?
- Analyze the impact of stakeholder response times (Kundens svarsdatum, Bedömarens svarsdatum) on the overall duration and outcome of assignments.

## 2. Predictive and Hypothesis Testing:

- Test the hypothesis: "Assignments involving certain Kravdokument (e.g., SS-EN ISO/IEC 17025:2018) have longer response times than others."
- Can you identify areas (Område) that are more likely to have higher approved (Godkänd) rates or need additional action?

# CROSS-SECTIONAL AND COMPARATIVE ANALYSIS

## 1. Comparative Analysis:

- How do different Uppdragstyp and Område compare in terms of frequency, compliance outcomes, and response times?
- Are there distinct differences in processing times or challenges between assessments involving technical inspections versus regulatory checks?

## 2. Insights for Process Improvement:

- What recommendations can be made to improve the efficiency of inspections or assessments based on response time patterns and Avvikelse typ analysis?
- Are there any trends or factors indicating areas where procedural improvements or training could reduce follow-up requirements or unresolved statuses?

# VISUALIZATION AND STORYTELLING

## 1. Data Visualization:

- Create visualizations that show how Uppdragstyp and Område have evolved over time and their respective outcomes.
- Build dashboards that highlight key metrics like Kravdokument citations, response times, and approval rates.

## 2. Exploratory Storytelling:

- Develop visual stories that explain the relationship between Uppdragstyp, Kravdokument, and outcomes.
- Use interactive visual tools to allow exploration of assignment types and response times by different Område or stakeholders.