

QUICK

- I Context
- Context and needs presentation
- For what purpose?
- Presentation of the dataset
- II Organization
- Organization and planning of work within the group
- Tools used
- III Project
- Presentation interface
- Chart



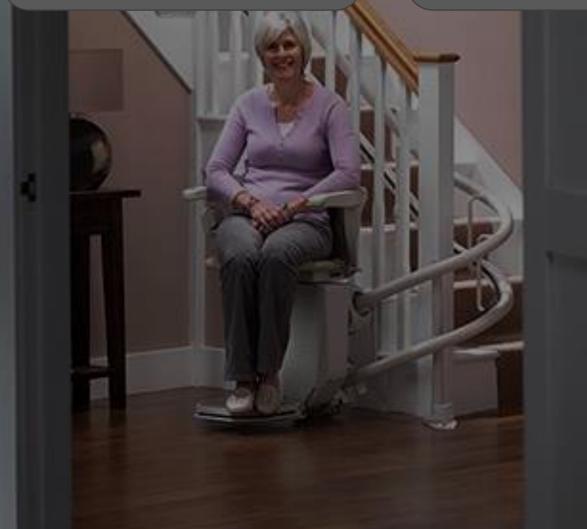
- Context and needs presentation
- For what purpose?
- Presentation of the dataset

- II Organization
- Organization and planning of work within the group
- Tools used

- III Project
- Presentation interface
- Chart



- Researchers and experts in domestic accident prevention
- Associations working on risk prevention
- Insurance companies
- The general public (parents, families, seniors)



- Context and needs presentation
- For what purpose?
- Presentation of the dataset



 Organization and planning of work within the group

Tools used



- Presentation interface
- Chart



Risks of everyday life



Supports decisions



Inform and raise public awareness



Help with prevention



Create an automated tool



I - Context Context and needs presentation For what purpose? Presentation of the dataset std mll

- II Organization
- Organization and planning of work within the group
- Tools used

- III Project
- Presentation interface
- Chart

- Answer: volunteering
- Personal Information and Lifestyle
- Health and accidents
- Housing environment



Q Rechercher dans le ...

À FAIRE 5

✓ SAE-5

SAE-11

✓ SAE-12

✓ SAE-13

+ Créer

déposer le projet

🖰 6 juin 2025

compte rendu clara

compte rendu rose

compte rendu camille

- Context and needs presentation
- For what purpose?
- Presentation of the dataset

🔼 SAÉ - Analyse de données, reporting et datavisualisation \cdots

EN COURS 3

(4 juin 2025

✓ SAE-2

✓ SAE-16

comparaison

SAE-17

Power Point Oral d'Anglais

Bilan global du groupe

Créer des graphs pour la

⊕ Résumé III Tableau III Liste 🖰 Calendrier 😑 Chronologie 🖹 Formulaires 🗏 Pages 🗏 Pièces jointe

II - Organization

Organization and planning of work within the group

Tools used

✓ = HG

TERMINÉ(E) ✓ 4

27 mai 2025

28 mai 2025

compte rendu Héléna

résultats

✓ SAE-10

✓ SAE-8

✓ SAE-14

ABBOUD

= HG

Recherche des Données externes afin de comparer les

Nettoyage des données



III - Project

Chart

Presentation interface

- Context

- Context and needs presentation
- For what purpose?
- Presentation of the dataset

II - Organization

- Organization and planning of work within the group
- Tools used

III - Project

- Presentation interface
- Chart









- Context and needs presentation
- For what purpose?
- Presentation of the dataset

II - Organization

- Organization and planning of work within the group
- Tools used

III - Project

- Presentation interface
- Chart

Library import

```
import pandas as pd
import json
from datetime import datetime
import re
import tkinter as tk
from tkinter import scrolledtext, filedialog, messagebox
import os
import subprocess
import time
import requests
import datetime as date
from pywinauto import date
from datetime import date
```

Some def

```
def extraire heure(date str):
       date = pd.to datetime(date str, errors='coerce', dayfirst=True)
       if pd.notna(date):
           return date.strftime('%H:%M')
    except Exception:
    return ""
def get tranche age(age):
  if pd.isna(age):
      return "" # laisser vide si âge inconnu
   elif age < 18:
       return "<18"
  elif 18 <= age <= 35:
       return "18-35"
  elif 36 <= age <= 50:
       return "36-50"
  elif 51 <= age <= 70:
       return "51-70"
  elif age > 70:
       return "70+"
```

- Context
- Context and needs presentation
- For what purpose?
- Presentation of the dataset

- II Organization
- Organization and planning of work within the group
- Tools used

III - Project

- Presentation interface
- Chart

Data cleaning

```
# ----- Suppresion des colonnes ----- #
    df BD.drop([col for col in df BD.columns if col.lower().startswith("colonne")], axis=1, inplace=True)
    # Supprimer les colonnes commençant par "Colonne"
    df_acc = df_acc.drop([col for col in df_acc.columns if col.startswith("colonne")], axis=1)
    df BD = df BD.drop([col for col in df BD.columns if col.startswith("colonne")], axis=1)
# ----- Modification dans df BD ----- #
    if 'taille cm' in df BD.columns:
        df_BD['taille_cm'] = df_BD['taille_cm'].apply(convertir_taille)
    if 'annee naissance' in df BD.columns:
         df_BD['annee_naissance'] = df_BD['annee_naissance'].apply(convertir_annees_naissance)
        df BD['annee naissance'] = pd.to numeric(df BD['annee naissance'], errors='coerce')
        annee actuelle = date.today().year
df_BD["age"] = annee_actuelle - df_BD["annee_naissance"]
        df BD["Tranche Age"] = df BD["age"].apply(get tranche age)
    # Séparer 'DATE DE REMPLISSAGE' en 'DATE' et 'HEURE' pour df BD (avec secondes)
    if 'date_remplissage' in df_BD.columns:
    df_BD['DATE'] = df_BD['date_remplissage'].apply(convertir_date)
    df_BD['HEURE'] = df_BD['date_remplissage'].apply(convertir_heure)
        # Supprimer la clonne
        df BD.drop(columns=['date remplissage'], inplace=True)
```

Interface code

```
feet # --- Creation de la fenêtre ---
feat fenetre = tk.Tk()
fenetre.title("Traitement des fichiers CSV - Accident et BD")
fenetre.configure(bg=colors["bg"])

# Taille fenêtre
fenetre.configure(bg=colors["bg"])

# Taille fenêtre

# Taile fenêtre

# Taille fen
```

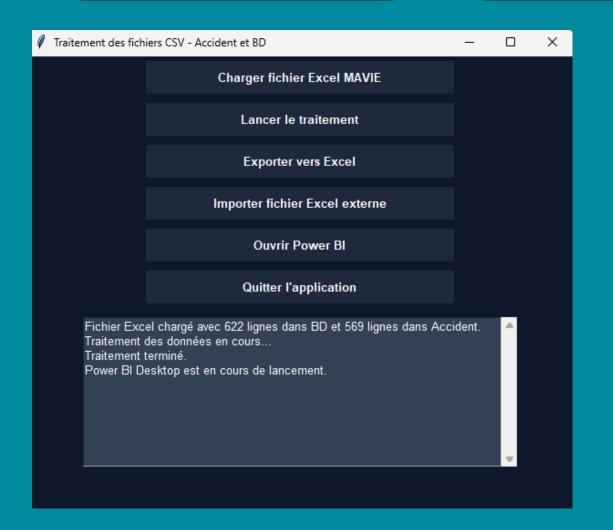
- Context and needs presentation
- For what purpose?
- Presentation of the dataset

II - Organization

- Organization and planning of work within the group
- Tools used

III - Project

- Presentation interface
- Chart





- Context and needs presentation
- For what purpose?
- Presentation of the dataset

II - Organization

- Organization and planning of work within the group
- Tools used

III - Project

- Presentation interface
- Chart



