

The background of the slide is a dense, repeating pattern of various geometric shapes and symbols. These include circles, squares, triangles, diamonds, and lines, some of which are filled with colors like blue, orange, and grey, while others are outlines. The pattern is reminiscent of a complex mosaic or a digital wallpaper.

# Reconocimiento de patrones

## U1 Introducción

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Héctor Maravillo

# Pattern recognition applications



# Computer vision







Character recognition

# Facial recognition

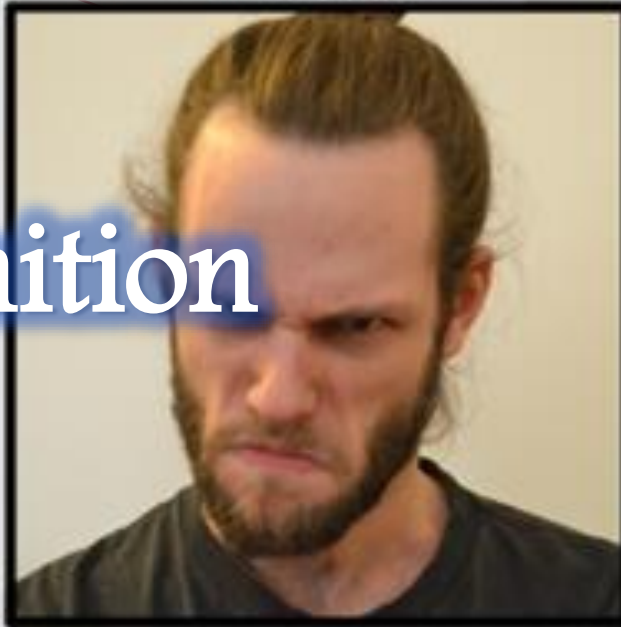




Sad



Angry



Laugh



C



# Gesture recognition

Confused



Embarrassed

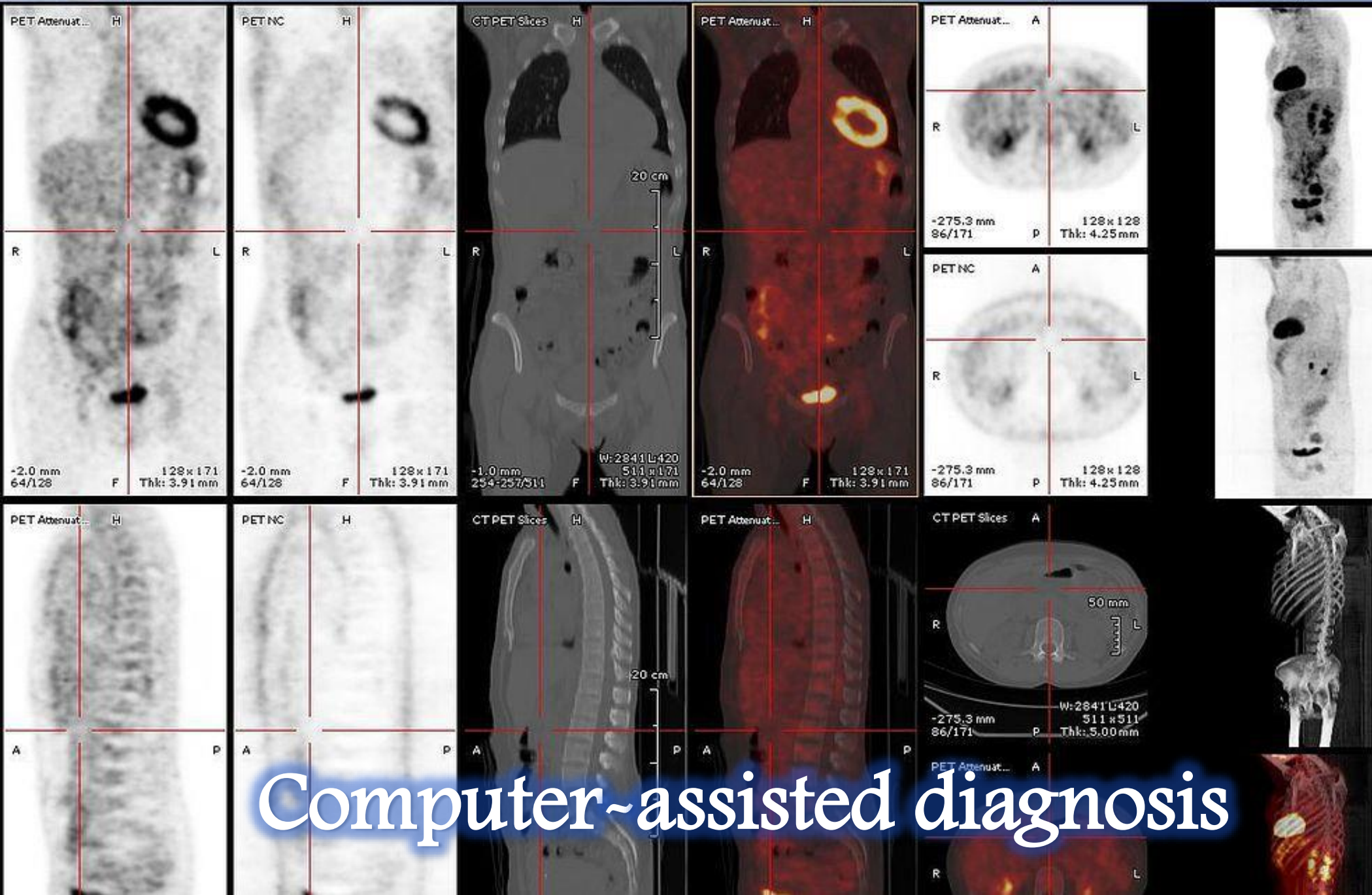


Excited



S





Software interface controls on the right side of the screen.

- Buttons:** Folders, Import, Communicate, Display, Adjust, ROI/POI.
- SERIES:** PETca, PETnc, CT.
- FUSION:** Multi.
- View:** Icons for different view types.
- Slices:** Navigation controls (up, down, left, right arrows).
- Layout:** Grid selection controls.
- Zoom:** Zoom in/out controls (minus, plus, and intermediate buttons).
- MIP:** Maximum Intensity Projection controls.
- Thickness/Spacing:** Controls at the bottom.

Computer-assisted diagnosis





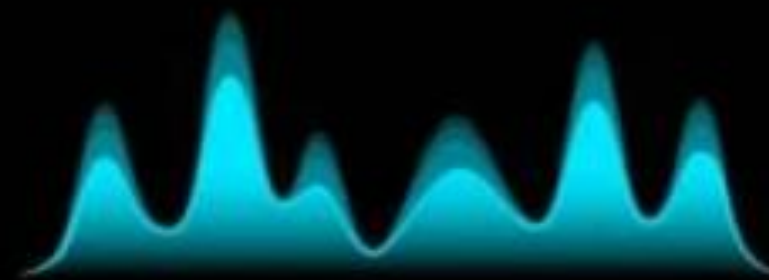
Fraud detection



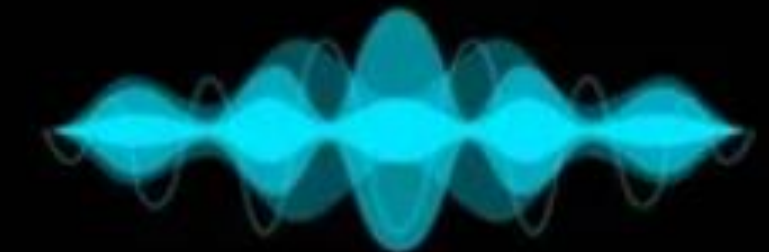
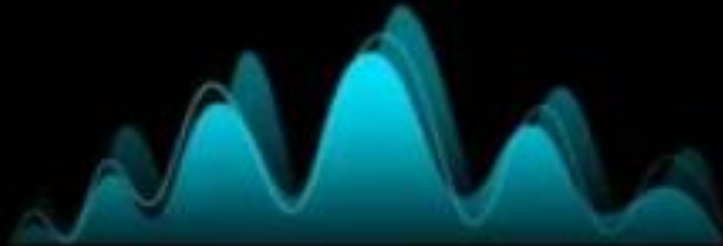
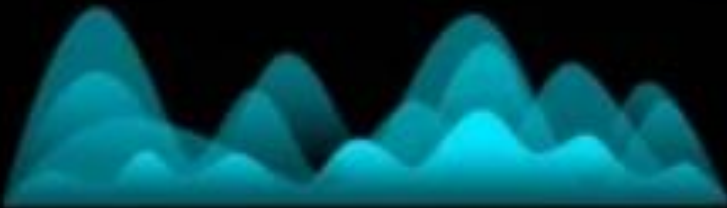
# Gene sequencing

The background of the slide is a complex, colorful pattern resembling a DNA microarray or a gel electrophoresis result. It consists of numerous horizontal rows of small, multi-colored rectangular spots or bands. The colors are primarily blue, green, yellow, and red, set against a black background. The pattern is dense and covers the entire slide area, with the text 'Gene sequencing' overlaid on the upper left portion.





# Speech recognition





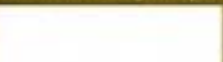


PLAYLIST

# Recommender systems

## spotify-recommender-systems

Created by <https://github.com/anthonyli358/spotify-recommender-systems>

 - 243 songs, 15 hr 30 min



# TITLE

ALBUM

DATE ADDED

1



**Underdog**  
You Me At Six

Hold Me Down

6 hours ago

2



**My Sacrifice**  
Creed

Weathered

6 hours ago

3



**Black Butterflies and Déjà Vu**  
The Maine

Lovely Little Lonely

6 hours ago

4



**Sleeping In**

Sleeping In / Some Kind Of Disaster

6 hours ago

Export CSV Share

✓ urgent 1992

time 99

1-8/242 &lt; &gt;

Month	technical	billing	support	bugs	urgent	performance
Jan 2019	1900	1600	1300	900	400	100
Feb 2019	1100	1000	800	800	400	100
Mar 2019	1900	1600	1300	900	400	100
Apr 2019	1900	1600	1300	900	400	100

# analysis

# Sentiment analysis





Satellite image classification