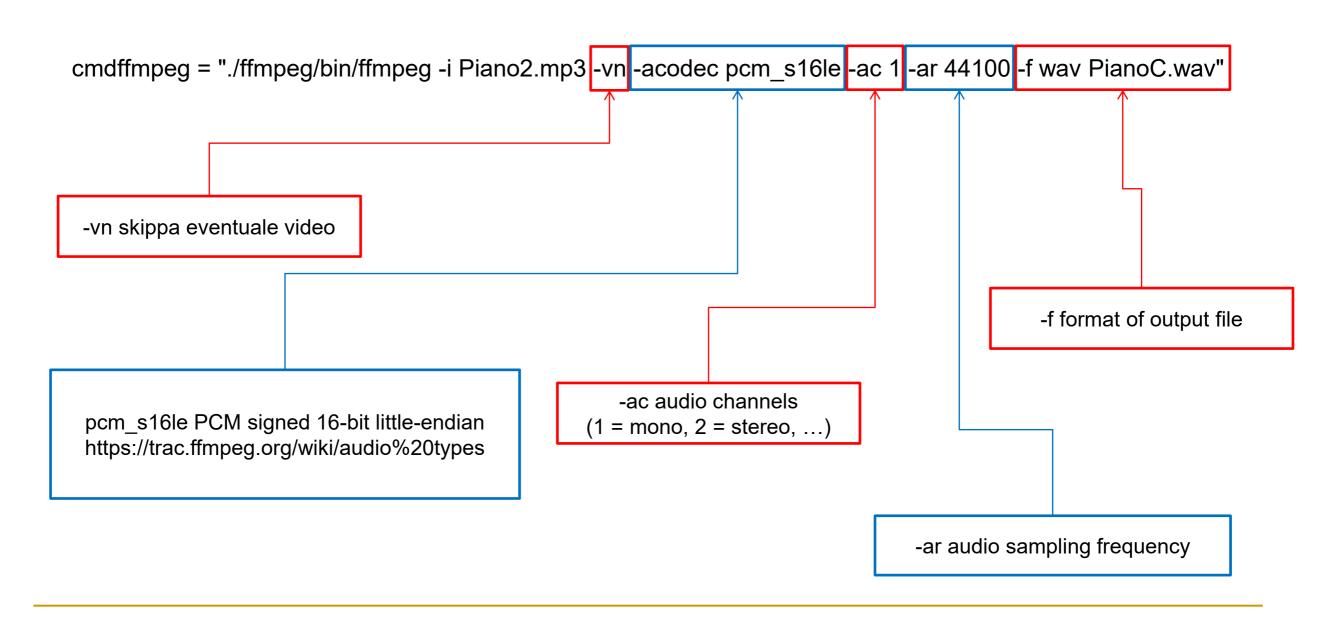


# Approfondimento: ffmpeg, Teachable Machine e Databricks

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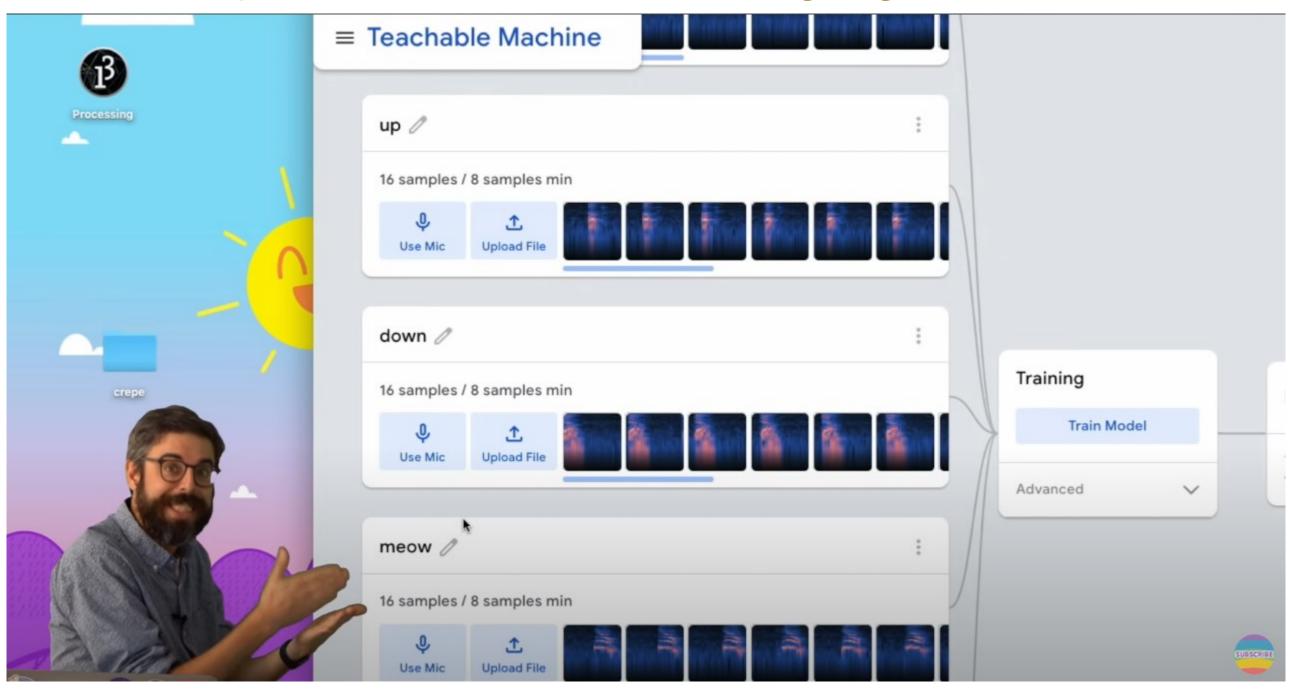
# ffmpeg Conversione MP3 → WAV





# Google Teachable Machine

https://teachablemachine.withgoogle.com/train/audio





## Databricks

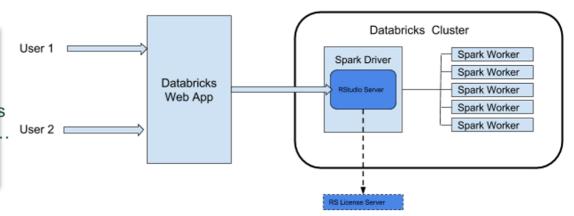


#### What is it?

- DataBricksprovides a Unified Data Analytics and Analysis Platform powered by Apache Spark for data scientist teams to collaborate with data engineers and lines of business to build data products
- Ref: https://databricks.com/company/abouts

#### How does it work?

- Coding into notebooks, likeupyter Notebook (Python)
- A Jupyter Notebook document is a JSON document, following a versioned schema, and containing an ordered list of input/output cells which can contain code, text (using Markdown), mathematics, plots, ...
- Several languages available Python, R, Scala, SQL, bash, html



### **Features**

- Notebooks,MLFlow for tracking ML experiments,RStudioon DataBricks, Scalable configuration of Driver Nodes (like a tunable VM), Data ingestion from ADLS
- Apache Spark environment (parallel computation, redundandy), Lib to optimize ML code