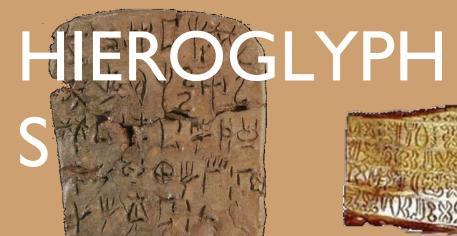


MOTIVATION



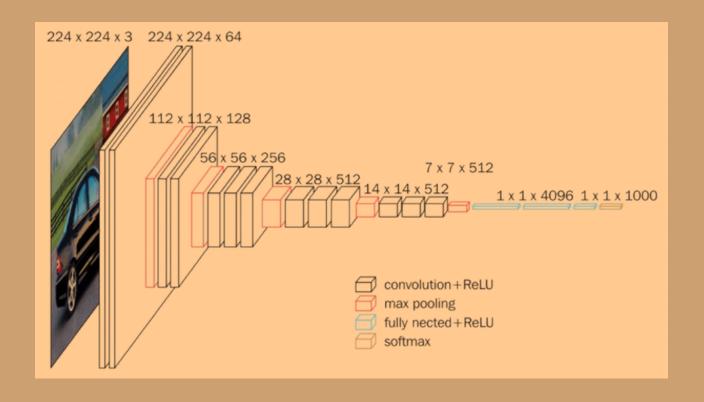




RONGORONGO

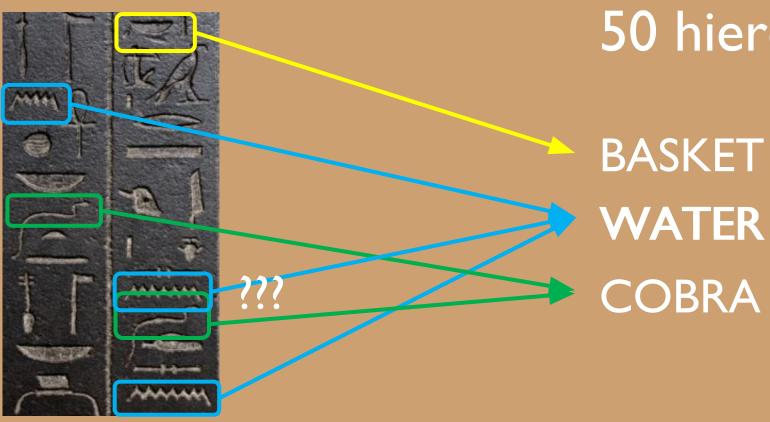
CUNEIFORM

METHODOLOGY





METHODOLOGY



4000 Images

50 hieroglyphs

PRELIMINARY RESULTS

$$50$$
 CLASSES
 $F_1 = 0.91$

DENSELY WRITTEN HIEROGLYPHS





VIA THE INTERNET



4500 Images I I hieroglyphs Pyramid of Unas













FINAL RESULTS

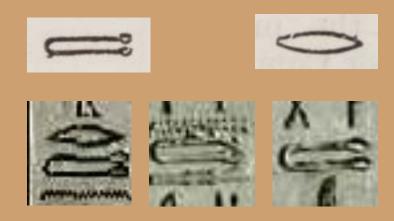
II CLASSES
$$F_1 = 0.79$$

MOST COMMON ERRORS

Mouth $F_1 = 0.54$ Confused with Water









- MACHINE LEARNING CAN ASSIST WITH ANALYSIS OF ANCIENT TEXTS
- NEXT TIME I NEED TO GO TO EGYPT FOR REAL



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Or come say hello and talk about:

Machine learning • NLP

Hieroglyphs • Cuneiform