

## INFORMATION ON DATASET

- This dataset shows the cursive handwritten samples in the dataset, where for each image the CSV provides 8 features entered by the document examiner which constitutes the human engineered features.
- Number of writers: 426
- Filename Format: XXXXY\_numZ.png where:
- XXXX is writer number,
  - Y is page number,
  - Z is occurrence of 'AND' in Y

Table 1: Characteristics of *and* for cursive writing as specified by QD examiners.

Initial stroke of formation of $a$ ( $x_1$ )	Formation of staff of $a$ ( $x_2$ )	Number of arches of $n$ ( $x_3$ )	Shape of arches of $n$ ( $x_4$ )	Location of mid-point of $n$ ( $x_5$ )	Formation of staff of $d$ ( $x_6$ )	Formation of initial stroke of $d$ ( $x_7$ )	Formation of terminal stroke of $d$ ( $x_8$ )
Right of staff (0)	Tented (0)	One (0)	Pointed (0)	Above baseline (0)	Tented (0)	Overhand (0)	Curved up (0)
Left of staff (1)	Retraced (1)	Two (1)	Rounded (1)	Below baseline (1)	Retraced (1)	Underhand (1)	Straight across (1)
Center of staff (2)	Looped (2)	No fixed pattern (2)	Retraced (2)	At baseline (2)	Looped (2)	Straight across (2)	Curved down (2)
No fixed pattern (3)	No staff (3)		Combination (3)	No fixed pattern (3)	No fixed pattern (3)	No fixed pattern (3)	No obvious ending stroke (3)
	No fixed pattern (4)		No fixed pattern (4)				No fixed pattern (4)