

REVIEW ARTICLE



ISSN: 2321-7758

UNCOVER THE SECRETS OF SIGNATURES, LETTERS AND NOTES

VISHAL KHANNA¹, NEHA SHARMA²

^{1,2}M.Tech CSE, CT Group of Institutions, Jalandhar, Punjab, INDIA



ABSTRACT

History and background of handwriting, Use of graphology, Power of handwriting, Prediction of personality using handwriting analysis, Scientific method of writing identification and evaluating the behavior.

Keyword - Graphologist, Cursive, Printing Pictographs, Personality.

©KY Publications

I. INTRODUCTION

Handwriting paints a picture of a person behind the pen! Let's look deeper into the picture. Your handwriting reveals much more than you might imagine. Study reveals that more than 5,000 personality traits are linked to how we write. It directs us to a person's *feelings, actions, decisions, attitudes, honesty and intelligence*. The art of analyzing handwriting for personality traits is called Graphology. A Graphologist studies four major areas of analysis which are: *slant, pressure, spacing, and size*.

II. USE OF GRAPHOLOGY

This art of Graphology has been around since the date of Aristotle. Today, it is used for variety of purposes – for criminal investigation, understanding your health, behavior etc. Some companies use Graphology during recruitment process and the method has also been used in court cases. There are dozens of subcategories to take into consideration. This brings the picture into clearer focus which shows the real in-depth personality. Graphologists are able to analyze both *cursive and printing*.

Handwriting Analysis: Zones

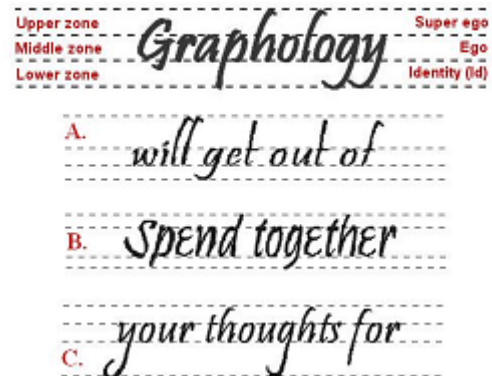


Fig-1 Graphology

How does cursive or printing show the different personalities?

Cursive writing makes a person more fluid in thoughts and action. Printing indicates more black or white decisions, instead of the gray areas.

III. HISTORY & BACKGROUND

Before writing, there was only verbal communication, with cultural norms, rituals and stories passed on orally from one generation to the next. As language and cultures evolved, so did the need for communication. Simple drawings became pictographs, and pictographs became standardized

within each culture beginning the history of handwriting.



Fig-2 Pictorial description

IV. HANDWRITING INSIGHTS

- **Relationships** - Family, Business or Romantic.
- **Behavior** - Intense, Anger or Relaxed.
- **Attitude** - Positive, Pleasant or Displeasing.
- **Truthfulness** - Integrity, Unfaithful, or Deceptive.
- **Intelligence** - Creative, Clever, or Inquisitive.

V. POWER OF HANDWRITING

- Handwriting predicts your personality.
- Many other things are revealed in your handwriting, such as health issues, morality, past experiences, hidden talents and mental problems.

VI. PREDICTION OF PERSONALITY BY HANDWRITING ANALYSIS

Every individual have different style of writing as his/her brain have different ways to show what's going on in his mind.

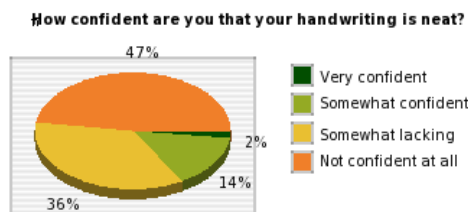


Fig-3 Handwriting predicting confidence level.

- Small handwriting is associated with being studious, shy, and meticulous and concentrated.
- Large handwriting is associated with being an outgoing, attentive-loving person.

- Average handwriting is associated with being well-adjusted and adaptable.
- Wide spacing between words means you enjoy your freedom. It also means that you don't typically enjoy large crowds and you don't like to be over-whelmed.
- Narrow spacing between the words mean that you can't stand to be alone and you tend to crowd people.
- Having rounded letters is typically associated with being artistic or creative.
- Having pointed letters means that you are intense, intelligent, curious and aggressive.
- People who write with connected letters are associated with being logical and systematic.
- Crossing the very top of 't' generally means that you have good self-esteem. Also, you are optimistic and ambitious.
- Crossing the middle of 't' generally means that you are confident and comfortable in your own skin.
- Leaving open letters (like don't closing an 'O') means that you are expressive, social and talkative.
- Writing a closed letter 'O' means that you are a private person and an introvert.
- If the dot of your 'i' lands high above the letter you are considered to be imaginative.
- If the dot of your 'i' lies left over the letter, you are considered to be imaginative.
- If the dot of your 'i' is perfectly over the letter, you are considered to be organized.
- If the dot of your 'i' has a circle, then you are visionary or child-like.
- If the dot is more like a slash, then you might be self-critical.
- Illegible signatures mean a person is private and difficult to understand.
- Word or sentences that vary to the rest of the text suggest that it is a lie.
- Schizophrenia and high blood pressure can also be identified from writing.

VII. SCIENTIFIC METHOD OF WRITING IDENTIFICATION AND EVALUATION BEHAVIOR

One can easily give the digital sample of his/her handwriting to a computer and it calculates the features using the image processing techniques and predicts the nature of the writer.

To make this computerized we considered six main different types of features:

- i. **size of letters.**
- ii. **Slant of letters and words.**
- iii. **Baseline.**
- iv. **Pen pressure**
- v. **Spacing between letters.**
- vi. **Spacing between words in a document to identify the personality of the writer.**

VIII. CONCLUSION

Your handwriting is a mirror of yourself and product of your mental capacity. Like photograph, at a specific moment, your handwriting will reveal more about you than you may think. No matter how you are taught to write at school, your handwriting will eventually take on your own personal style and become a unique guide to your personality and character.

REFERENCES

- [1]. Nesredien Suleiman, Dr. Solomon Atnafu, "Word Prediction for Amharic Online Handwriting Recognition".
- [2]. Sheila Lowe, President of the American Handwriting Analysis Foundation (AHAF), "Handwriting Analysis", second edition.
- [3]. Rabindra Negi, "Personality traits in Handwriting".
- [4]. <https://sites.google.com/site/rmcahaf/customization>
- [5]. <https://www.vletter.com/help/font-faq/history-of-handwriting.html>
- [6]. <http://www.slideshare.net/ManviGarg2/personality-prediction-using-handwriting-analysis>