

EARLY DETECTION OF PARKINSON'S DISEASE USING MACHINE LEARNING

What do they
THINK AND FEEL?

what really counts
major preoccupations
worries & aspirations



Will the
results be
accurate?

Is detecting
the disease
in a digital
way a good
choice?

They do not
want to be
perceived
differently.

Less
anxiety
and stress

Unsure
about the
results

What do they
HEAR?

what friends say
what boss say
what influencers say

Effective way
of finding
out the
disease in
the early
phase

Updated and
reliable way
of digital
detection

Time
consumption
is less
compared to
the regular
ways

Preventive
measures
to be taken

How to keep
check on the
medications
and daily
routine.

Surf things
that are
related to PD
in social
media

What do they
SEE?

environment
friends
what the market offers

What do they
SAY AND DO?

attitude in public
appearance
behavior towards others

Joining a
normal
discussion is
impossible

Less inclined
to make firm
plans in
advance

PAIN

fears
frustrations
obstacles

No proper
diagnosis of
the
symptoms

Emotional
needs of the
patient is not
met in the
regular
diagnosis

No simple test
that is
available,
done only
with medical
history.

GAIN

"wants" / needs
measures of success
obstacles

Accuracy in the
early detection
of Parkinson's
disease using
ML algorithms

Quantify the
visual
appearance of
the drawings
by the
individual

Simple and
quick way to
diagnose the
disease