INDUSTRY EXPECTATIONS FOR STATISTICS GRADUATES

~~INDUSTRY EXPECTATIONS~~
HOPES AND DREAM
FOR STATISTICS GRADUATES

STITCH FIX

Etsy

Not So Standard Deviations

#rcatladies

STITCH FIX
YOUR PARTNER IN PERSONAL STYLE
Stitch Fix® is the personal style service that evolves with your tastes, needs and lifestyle.
WOMEN →
MEN →

How It Works

Create Your Style Profile.
Get Five Hand-picked Items.
Keep What You Like.
Send Back the Rest.

Create Your Style Profile.

Get Five Hand-picked Items.

Keep What You Like.
Send Back the Rest.

How do you prefer clothes to fit the top half of your body?

✓
Mostly Tight / Form Fitting
Prefer Fitted / Showing my Figure
Straight
Mostly Loose
Oversized

ear for pants, jeans, and skirts?

an waist

Skirts L

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Inventory
Personal styling

Inventory
preppy
business
edgy
romantic
glam
classic
boho
casual
Machine learning
Algorithmic recommendations

Algorithmic recommendations
Human curation
STITCH FIX

HTTP://ALGORITHMS-TOUR.STITCHFIX.COM/

“BETTER DATA”

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ALGORITHM PRODUCT

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STYLING PRODUCT

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OTHER THINGS

- Marketing
- Client segmentation
- Merch acquisition
- Other things statisticians don’t like to think about

HOPES AND DREAMS

DESIGN THINKING

```
            default='Y',
            )
    global_scale_setting = FloatProperty(
            name="Scale",
            min=0.01, max=1000.0,
            default=1.0,
            )

    def execute(self, context):

        # get the folder
        folder_path = (os.path.dirname(self.filepath))

        # get objects selected in the viewport
        viewport_selection = bpy.context.selected_objects

        # get export objects
        obj_export_list = viewport_selection
        if self.use_selection_setting == False:
            obj_export_list = [i for i in bpy.context.scene.objects]

        # deselect all objects
        bpy.ops.object.select_all(action='DESELECT')

        for item in obj_export_list:
            item.select = True
            if item.type == 'MESH':
                file_path = os.path.join(folder_path, "{}.obj".format(item.name))
                bpy.ops.export_scene.obj(filepath=file_path, use_selection=True,
                                         axis_forward=self.axis_forward_setting,
                                         axis_up=self.axis_up_setting,
                                         use_animation=self.use_animation_setting,
                                         use_mesh_modifiers=self.use_mesh_modifiers_setting,
                                         use_edges=self.use_edges_setting,
                                         use_smooth_groups=self.use_smooth_groups_setting,
                                         use_smooth_groups_bitflags=self.use_smooth_groups_bitflags_setting,
                                         use_normals=self.use_normals_setting,
                                         use_uvs=self.use_uvs_setting,
```

“

The first and last important rule for the creative writer, then, is that though there may be rules (formulas) for ordinary, easily publishable fiction—imitation fiction—there are no rules for real fiction, and more than there are rules for serious visual art or musical composition.

— *John Gardner, The Art of Fiction*

”

“

There are techniques—hundreds of them—that, like carpenter’s tricks, can be studied and taught… there are common mistakes—infelicities, clod pole ways of doing things—that show up repeatedly in unsuccessful fiction and can be shown for what they are by analysis of how they undermine the fiction’s intended effects; there are, in short, a great many things every serious writer needs to think about; but there are no rules. Name one, and instantly some literary artist will offer us some new work that breaks the rule yet persuades us.

— *John Gardner, The Art of Fiction*

”

BLAMELESS ATTITUDE

- Blame the process, not the person!
- Create an environment where students feel safe sharing mistakes

DEVELOPMENT ATTITUDE

- Develop automated solutions when solving a problem!
- (This is easier to achieve with a blameless culture)

- Analysis development
- Algorithm development
- Product development

PRODUCT SENSE

- Data science = applied statistics in the technology field
- Care about the tech you are working on!

FALL FASHIONS
SHOES JEWELRY SCARVES
MIS-MATCH!
BROWSE
DRESS ME
SHOES JEWELRY SCARVES PANTYHOSE UNDERWEAR PANTS
MORE
AUTO DRESS
DRESS ME
SHOES JEWELRY SCARVES PANTYHOSE UNDERWEAR PANTS SWEATERS
MORE

THANKS!

@HSPTER

HPARKER@STITCHFIX.COM

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