# Suggested Features for Predicting Expense Starting Days in Awarded Projects

## 1. Administrative & Compliance Features

- **IRB\_approval\_status** (approved / pending / not required):

* **Meaning:** Status of Institutional Review Board (IRB) approval for research involving human subjects.
* **Values:** Approved, Pending, or Not Required
* **Why it matters:** If IRB approval is still pending, spending can't start on many human-subject research projects.

- **IACUC\_approval\_status:**

* **Meaning:** Status of Institutional Animal Care and Use Committee approval, for research involving animals.
* **Values:** Approved, Pending, or Not Required
* **Why it matters:** Similar to IRB, certain projects can’t start expenses until this approval is complete.

**- COI\_form\_submitted** (Yes/No):

* **Meaning:** Whether the PI has submitted their **Conflict of Interest** disclosure form.
* **Values:** Yes or No
* **Why it matters:** COI compliance is required before the project can move forward — delays here often cause downstream setup issues.

*- PI\_training\_complete* (Yes/No or percentage complete):

* **Meaning:** Indicates whether the **Principal Investigator** has completed mandatory training (e.g., ethics, safety, or sponsor-specific).
* **Values:** Yes, No, or % Complete
* **Why it matters:** Incomplete training can prevent full account setup or spending clearance.

- Budget\_finalized\_date:

* **Meaning:** The date when the final, sponsor-approved budget was agreed upon.
* **Why it matters:** Without a finalized budget, WC setup can’t proceed — delays in finalizing budget can delay expense setup.

- Contract\_signed\_date:

* **Meaning:** Date the **contract or award agreement** was fully executed by both parties.
* **Why it matters:** Spending cannot begin until the legal agreement is signed — some projects are stuck here for weeks due to negotiations.

- Subaward\_involved (Yes/No):

* **Meaning:** Whether the awarded project includes **collaboration with other institutions** via subawards.
* **Values:** Yes or No
* **Why it matters:** Projects with subawards typically take longer to start, as more legal and financial checks are involved.

**Kim Reply:** That information is housed in ROAMWyo

## 2. Timeline-Based Features

- Award\_to\_PI\_notification\_days

- Award\_to\_budget\_finalization\_days

- Award\_to\_contract\_signed\_days

- Award\_to\_first\_compliance\_approval\_days  
  
**Kim Reply:** Are you asking how long from when the proposal is submitted to when the PI gets notified of the award? This would also be in RW.

Ismail Reply: **Yes**, I'm interested in the timeline from **proposal submission to PI notification of the award**, and also from **award receipt to when it’s set up in WC and ready for departmental use**. This would help identify delay patterns.

## 3. Sponsor/Agency Related

- **Sponsor\_type (Federal, State, Private, Foundation)**

- **Is\_Fixed\_Price\_Award (Yes/No)**

1. - Agency\_processing\_time\_category (Fast, Medium, Slow)

**Kim Reply:**

Sponsor/Agency

* 1. Sponsor Type is housed in both RW & WC

                                                              i.      WC - Project Information report (column = Project Fund Source)

* 1. Fixed Price is housed in WC (not sure about RW)

                                                              i.      WC - Project Information report (column = Invoice Method Name – Amount Based (FP) Invoice)

Agency processing time – do you mean when we have to have invoices submitted…or if they pay “fast, medium, slow)?

**Ismail Reply:**

Regarding **Agency processing time**, I meant in the sense of how quickly different sponsors typically process and release funds (e.g., if certain agencies historically lead to faster or slower start-ups).

## 4. PI & Team Experience

- PI\_First\_Time\_Awardee (Yes/No)

- PI\_Tenure (years with the university) **[I know how to get that!]**

- Average\_Award\_Setup\_Days\_Past (for that PI or department)

**Kim Reply:** PI & Team experience not housed in WC…check with RW

Average award setup? Do you mean from when UW receives the notice, gets setup in RW and then integrated to WC? Or the time from when it’s integrated to WC and we finalize the setup for the dept to use? If it’s the later you want to know…we have 3 business days to setup once it’s integrated from RW to WC. Typically the OSP specialists get it done in the 3 business days…however sometimes it takes longer if there are issues with the budget, terms & condition questions…

## 5. Project Complexity

- Has\_Subcontracts (Yes/No):

* **Meaning:** Indicates whether the project involves formal collaboration with external organizations through subcontracts.
* **Values:** Yes or No
* **Why it matters:** Subcontracts typically require extra negotiation, legal review, and budget alignment — all of which can delay project activation and spending.

- Number\_of\_Subcontracts:

* **Meaning:** The total count of subcontracts associated with the project.
* **Why it matters:** The more subcontracts involved, the more administrative overhead. This usually means longer setup time due to multiple reviews, approvals, and communication loops

- International\_Collaborators (Yes/No):

* **Meaning:** Whether any collaborators are located outside the United States.
* **Values:** Yes or No
* **Why it matters:** Projects involving international partners often face additional compliance, export control, and contract processing steps — all of which can delay the expense start.

**Kim Reply:** Subcontracts should be housed in RW.