

# Peapod Calculator v2.0

## Advanced Business Lending Qualification & Submission Tool with Brevo Email Integration

A sophisticated web application that qualifies businesses for various lenders and automatically submits applications with PDF attachments via Brevo email service.

### Features

- **Smart Lender Matching:** Automatically qualifies businesses against multiple lender criteria
- **Tier-Based Results:** Organizes qualifying lenders by priority (Tier 1-4)
- **PDF Document Upload:** Supports bank statements and business applications
- **Brevo Email Integration:** Sends professional emails with PDF attachments
- **Real-time Status Tracking:** Monitor submission status for each lender
- **Responsive Design:** Works on desktop and mobile devices
- **Professional UI:** Modern glassmorphism design with smooth animations

### Requirements

#### Brevo Account Setup

1. **Brevo Account:** Active Brevo (formerly Sendinblue) account
2. **API Key:** Generate an API key from your Brevo dashboard
3. **Verified Sender:** Ensure your sender email is verified in Brevo
4. **Sending Enabled:** Confirm your account has email sending permissions

#### Browser Requirements

- Modern web browser with JavaScript enabled
- File upload support for PDF documents

### Installation

1. **Clone the repository:**

```
bash
```

```
git clone https://github.com/yourusername/peapod-calculator.git
```

```
cd peapod-calculator
```

2. **Open the HTML file:**

- Simply open `index.html` in any modern web browser
- No build process or server required!

### 3. Configure Brevo:

- Replace the API key in the Brevo configuration section
- Update sender email and name to match your verified Brevo account

## Configuration

### Brevo API Setup

javascript

*// Update these values in the HTML file:*

```
const brevoConfig = {  
  apiKey: 'your-brevo-api-key-here',  
  senderEmail: 'your-verified-email@company.com',  
  senderName: 'Your Company Name'  
};
```

### Lender Configuration

Lenders are configured in the `lenders` array with:

- **Qualification criteria** (credit score, revenue, etc.)
- **Contact information** (email addresses)
- **Tier priority** (1-4, with 1 being highest priority)
- **Submission type** (email or portal)

## Email Features

### Automatic PDF Attachments

- Converts uploaded PDFs to base64 for email attachment
- Sends all required documents (4 bank statements + business application)
- Professional email templates for different lender types

### Email Types

- **Direct Email Lenders:** Sends application directly to lender
- **Portal Lenders:** Sends to internal team for manual portal submission

## Usage

### 1. **Configure Brevo Settings:**

- Enter your Brevo API key
- Set sender email and name
- Test configuration with the test button

### 2. **Enter Business Information:**

- Personal credit score
- Monthly revenue and banking details
- Business location and industry

### 3. **Upload Required Documents:**

- 4 months of bank statements (PDF only)
- Completed business application (PDF only)

### 4. **Review Qualifying Lenders:**

- See which lenders the business qualifies for
- Review tier-based recommendations

### 5. **Submit Applications:**

- Select specific lenders or submit to all
- Monitor real-time submission status

## Security Notes

- **API Keys:** Never commit real API keys to public repositories
- **Email Addresses:** Update contact information before production use
- **File Handling:** Only PDF files are accepted for security

## Testing

Use the built-in test function to verify:

- Brevo API connectivity
- Email sending capability
- Attachment functionality (if files are uploaded)

## Browser Compatibility

- Chrome 80+

- Firefox 75+
- Safari 13+
- Edge 80+

## Contributing

1. Fork the repository
2. Create a feature branch (`git checkout -b feature/amazing-feature`)
3. Commit your changes (`git commit -m 'Add amazing feature'`)
4. Push to the branch (`git push origin feature/amazing-feature`)
5. Open a Pull Request

## License

This project is licensed under the MIT License - see the LICENSE file for details.

## Support

For support or questions:

- Create an issue in this repository
- Check Brevo documentation for API-related questions
- Review browser console for debugging information

## Version History

- **v2.0:** Added Brevo email integration with PDF attachments
- **v1.0:** Initial release with lender qualification logic

---

**Note:** This tool is designed for professional lending operations. Ensure compliance with all applicable regulations and data protection requirements.